Index to Volume 55-A

(American Volume)

1973

AUTHORS

PAGE

A

Abbot B *see* **McLaughlin RE**
Abrams RC et al. Upper Femoral Osteotomy in the Treatment of Legg-Calvé-Perthes Syndrome . . . 1313
Adar U *see* **Ger R**
***Aggarwal ND.** Structure of Human Fluorotic Bone . 331
Ahn C *see* **Schoene HR**
Albright JA *see* **Tiley F**
Almquist EE et al. Nerve Conduction Velocity, Microscopic and Electron Microscopic Studies Comparing Repaired Adult and Baby Monkey Median Nerves 883
Amici F Jr. *see* **Wigren A**
Amir-Jahed AK *see* **Zabihi T**
Anderson JR *see* **Green DP**
***Andriole VT, Nagel DA** and **Southwick WO.** A Paradigm for Human Chronic Osteomyelitis . . . 1511
Anzel SH and Streitz W. Closed Management of Acromioclavicular Separations and Dislocations . 420
Aplington JP and **Bassett FH III.** Analysis and Treatment of the Major Electrical Burn 1307
Aptekar RG and **Decker JL.** Deforming Non-Erosive Hand Arthritis in Systemic Lupus Erythematosus 881
Armstrong GWD et al. Present Status of the Transverse Loading System (Modified Harrington Instrumentation) 438
Arnold WD et al. Knowles Pinning of Femoral Neck Fractures 1310
Arnold WD *see* **Mirra JM**
***Arroyo-Scotoliff H.** Metaphyseal Dysostosis, Jansen Type 623
***Artz TD** and **Posch JL.** The Carpometacarpal Boss . 747
Asnis SE. A Comparison of ^{18}F and ^{85}Sr Scintimetric Patterns by Computerized Data Analysis and Display 655
***Assor D.** Chondroblastoma of the Rib. Report of a Case 208
Astleford WJ et al. Physical and Mechanical Factors Affecting the Shear Strength of Methyl Methacrylate 661
***Aston JW Jr.** and **Gregory CF.** Dislocation of the Shoulder with Significant Fracture of the Glenoid 1531
Athanasoulis CA et al. Arteriographic Management of Massive Hemorrhage from Pelvic Trauma . . 1767
Aufranc OE and **Turner RH.** Total Hip Replacement: Surgical Approach and New Implant Design 418
Austin ES *see* **Swezey RL**
***Axer A, Segal D** and **Elkon A.** Partial Transposition of the Latissimus Dorsi. A New Operative Technique to Restore Elbow and Finger Flexion . . . 1259

B

Ball RM et al. Acrylic Cement as a Supplement in Internal Fixation of Pathological Fractures . . . 1317
Banta JV and **Nichols O.** Autogenous Fibular Subtalar Arthrodesis in Myelodysplasia 1317
Bargren JH and **Bassett CAL.** A Single Modulus of Elasticity and Its Relation to Electrical Polarization in Cortical Bone Subjected to Cyclic Tension and Compression 653
Bartholomew BA *see* **Patzakis MJ**
Baskin M *see* **Chuinard EG**
Baylink DJ et al. Vitamin-D Stimulated Osteocytic and Osteoclastic Resorption Determined by Mercury Porosimetry 659
***Beals RK.** Tricho-Rhino-Phalangeal Dysplasia. Report of a Kindred 821
Beckenbaugh RD *see* **Coventry MB**
Behringer BR and **Clark I.** Further Studies on Transfer RNA Methylases of Bone: Effect of Parathyroid Hormone 659
Bell HM *see* **Dolman CL**

PAGE

Bell JL. Hand Surgery in the Medical School Curriculum 875
Belytschko T et al. The Effects of Prestress in Ligamenta Flava on Vertebral Deflections 656
***Bernhang AM** and **Levine SA.** Familial Absence of the Patella 1088
Berthelsen S *see* **Schoene HR**
Bevin AG. A Different Approach to the Repair of Syndactylism of the Fingers—The "Hourglass" Operation 880
Bianco AJ *see* **Wolbrink AJ**
***Bielejeski TR.** Granular-Cell Tumor (Myoblastoma) of the Hand. Report of a Case. 841
***Bjarnason DF, Forrester DM** and **Swezey RL.** Destructive Arthritis of the Large Joints. A Rare Manifestation of Sarcoidosis 618
Bjarnason D *see* **Swezey RL**
Black J and **Korostoff E.** Dynamic Mechanical Properties of Viable Human Cortical Bone 653
Bland J *see* **Frymoyer JW**
Bleifeld CJ and **Inglis AE.** Systemic Lupus Erythematosus in the Hand 881
Bocklage J and **Gustilo RB.** A Ten-Year Analysis of Intertrochanteric Fractures Treated Surgically at Hennepin County General Hospital (1959–1969) 1310
Bonnett C et al. Anterior Spine Fusion with Dwyer Instrumentation for Lumbar Scoliosis in Cerebral Palsy—A Preliminary Report 425
Bonnett C *see* **Hoffer MM**
Bonnett CA et al. The Greening of the Treatment of Paralytic Scoliosis 1322
Bora FW Jr. *see* **Rosenfeld K**
Borns P *see* **Chung SMK**
Bosacco DN et al. Early Weight-Bearing for Intertrochanteric Fractures 1310
Bowerman JW *see* **Brooker AF**
***Bowers WH, Wilson FC** and **Greene WB.** Antibiotic Prophylaxis in Experimental Bone Infections . . 795
Bowers WH et al. Antibiotic Prophylaxis in Experimental Bone Infections 661
***Boyd HB** and **McLeod AC Jr.** Tennis Elbow . . . 1183
***Boyd RJ, Burke JF** and **Colton T.** A Double-Blind Clinical Trial of Prophylactic Antibiotics in Hip Fractures 1251
Boyes JH. Principles of Primary Treatment of the Injured Hand 426
Bradford DS et al. Scheuermann's Juvenile Kyphosis: Experience in Two Hundred Patients 1323
Brady TA and **Garber JN.** Knee Joint Resection and Replacement with Shiers Knee Hinge 1321
Braun RM and **Vise GT.** Sublimis-to-Profundus Tendon Transfers in the Hemiplegic Upper Extremity 873
***Braun RM, Hoffer MM, Mooney V, McKeever J** and **Roper B.** Phenol Nerve Block in the Treatment of Acquired Spastic Hemiplegia in the Upper Limb . 580
Bresnan MJ *see* **Victor DI**
Brickley D and **Glimcher MJ.** The Biosynthesis of Crosslinkages of Collagen in Chick Bone Growing in Tissue Culture 651
***Brighton CT, Sugioka Y** and **Hunt RM.** Cytoplasmic Structures of Epiphyseal Plate Chondrocytes. Quantitative Evaluation Using Electron Micrographs of Rat Costochondral Junctions with Special Reference to the Fate of Hypertrophic Cells 771
Brindley HH. Homology of the Extremities 427
Brindley HH and **Rousseau CR.** Displaced Fractures of the Neck of the Femur—A Review of 171 Cases 1309
***Brooker AF, Bowerman JW, Robinson RA** and **Riley LH Jr.** Ectopic Ossification following Total Hip

* Indicates full article.

PAGE

Replacement. Incidence and a Method of Classification 1629
Brooks L et al. The Epidemiology of Scoliosis—A Prospective Study 436
*__Brown H and Flynn JE.__ Abdominal Pedicle Flap for Hand Neuromas and Entrapped Nerves 575
Brown H and Flynn JE. Fungous Infections of the Hand 879
Brown HP and Bonnett CC. Spine Deformity Subsequent to Spinal Cord Injury 441
Brown HP and Stauffer ES. Spine Deformity Subsequent to Spinal Cord Injury 1322
Brown P *see* **Burkhalter W**
Brown RH et al. Three-Dimensional Analysis of the Spine 656
Bruck HM et al. Early Operation for Heterotopic Calcification of the Elbow Complicating Thermal Trauma 886
Bryan RS et al. Malignant Tumors of the Hand, Wrist, and Forearm 878
Bugg CE et al. Structural Factors Controlling the Binding of Calcium and Phosphate Ions to Organic Matrices 650
Bullough P and Falvo K. A Histological Study of Osteogenesis Imperfecta 650
Bullough PB *see* **Marcove RC**
Bullough PG *see* **Charosky CB**
Bullough PG *see* **Falvo KA**
Bullough PG *see* **Kambolis C**
Burke JF *see* **Boyd RJ**
*__Burkhalter W, Christensen RC and Brown P.__ Extensor Indicis Proprius Opponensplasty 725
*__Burkhalter WE and Strait JL.__ Metacarpophalangeal Flexor Replacement for Intrinsic Muscle Paralysis 1667
Bush LF. The Torn Shoulder Capsule 1767
Butler B Jr. Soft-Tissue Closure of the Amputation Gap 887

C

Cahen I *see* **Watson RC**
Campbell JB *see* **Lusskin R**
Campo RD. The Distribution of Extractable and Inextractable Proteoglycans in Epiphyseal Plate Cartilage 652
Canale ST *see* **Levitt RL**
Carpenter EB. Intramuscular Alcohol as an Aid in the Treatment of Cerebral Palsy 1314
*__Carr CR and Wingo CH.__ Fractures of the Femoral Diaphysis. A Retrospective Study of the Results and Costs of Treatment by Intramedullary Nailing and by Traction and a Spica Cast 690
Carroll RE. The Construction of a Functioning Unit in Congenital Absence of the Hand 879
Carter RM *see* **Mankin HJ**
Cassebaum WH and Parkes JC. Treatment of Displaced Intracapsular Fractures of the Hip Utilizing the Richards Screw 1309
Chang HH and Stryker WS. Acute Chondrolysis Following Slipped Capital Femoral Epiphysis . . 1308
*__Charosky CB, Bullough PG and Wilson PD Jr.__ Total Hip Replacement Failures. A Histological Evaluation 49
Chartrand R and Hakstian RW. The Value of Articular Scanning of the Rheumatoid Hand 882
Cheesman RL *see* **Gritzka TL**
Christensen RC *see* **Burkhalter W**
*__Chuinard EG and Baskin M.__ Claw-Foot Deformity. Treatment by Transfer of the Long Extensors into the Metatarsals and Fusion of the Interphalangeal Joints 351
*__Chung SMK and Borns P.__ Acute Osteomyelitis Adjacent to the Sacro-iliac Joint in Children. Report of Two Cases 630
Clark DD *see* **Schlenker JD**
Clark JG *see* **Rowe CR**
Clawson DK et al. Treatment of Chronic Osteomyelitis and Septic Arthritis 1306
Clayton ML *see* **Patzakis MJ**
Clippinger FW Jr. A System to Provide Sensory Feedback from an Upper Extremity Amputation Prosthesis 886
Cobden RH et al. Coccidioidal Osteomyelitis . . . 1314
Cockrell BR Jr. and Risser JC. Removable Plastic Localizer Body Jacket for Non-Surgical Treatment of Scoliosis—Six-Year Follow-up 425
*__Cohen SH, Ehrlich GE, Kauffman MS and Cope C.__ Thrombophlebitis Following Knee Surgery . . . 106
Colton T *see* **Boyd RJ**
Combs JJ Jr. et al. Polycentric Knee Arthroplasty . 1321
*__Conaty JP.__ Surgery of the Hip and Knee in Patients with Rheumatoid Arthritis 301
*__Connolly JF and King P.__ Closed Reduction and Early Cast-Brace Ambulation in the Treatment of Femoral Fractures. Part I: An *In Vivo* Quantitative Analysis of Immobilization in Skeletal Traction and a Cast-Brace 1559
*__Connolly JF, Dehne E and Lafollette B.__ Closed Reduction and Early Cast-Brace Ambulation in the Treatment of Femoral Fractures. Part II: Results in One Hundred and Forty-three Fractures . . . 1581
Connor TB *see* **Lawrence GD**
Conrad JJ. Fractures of the Hip with Simultaneous Fracture of the Shaft of Femur on Same Side . . 1320
Convery FR et al. The Systemic Manifestations of Polymethylmethacrylate 419
Convery FR et al. The Systemic Manifestations of Polymethyl Methacrylate 1303
Cooke AJ *see* **Levitt RL**
Cooke TDV et al. The Immunofluorescent Identification of Immunoglobulins and Complement in Rheumatoid Articular Collagenous Tissue . . . 654
Coonrad RW and Hooper WR. Tennis Elbow: Its Course, Natural History, Conservative and Surgical Management 885
*__Coonrad RW and Hooper WR.__ Tennis Elbow: Its Course, Natural History, Conservative and Surgical Management 1177
Cooper RR and Ponseti IV. Metaphyseal Dysostosis. Delineation of an Ultrastructural Defect 650
*__Cooper RR and Ponseti IV.__ Metaphyseal Dysostosis: Description of an Ultrastructural Defect in the Epiphyseal Plate Chondrocytes. Case Report . . 485
*__Cooper RR, Ponseti IV and Maynard JA.__ Pseudoachondroplastic Dwarfism. A Rough-Surfaced Endoplasmic Reticulum Storage Disorder 475
Cope C *see* **Cohen SH**
*__Cortez LM and Pankey GA.__ *Mycobacterium marinum* Infections of the Hand. Report of Three Cases and Review of the Literature 363
Cotler JM et al. Pelvic Displacement Osteotomy for Chronic Hip Dislocation in Myelodysplasia: A Preliminary Report 1312
*__Coventry MB.__ Osteotomy about the Knee for Degenerative and Rheumatoid Arthritis. Indications, Operative Technique, and Results 23
*__Coventry MB, Nolan DR and Beckenbaugh RD.__ "Delayed" Prophylactic Anticoagulation: A Study of Results and Complications in 2,012 Total Hip Arthroplasties 1487
Coventry MB et al. Early Results with Geometric Total Knee Arthroplasty 1321
Coventry MB *see* **Fitzgerald RH Jr.**
Cracchiolo A III et al. The Detection of Antibodies to Native and Denatured Human Collagen in Synovial Fluid 660
*__Crawford RR.__ A History of the Treatment of Non-Union of Fractures in the 19th Century, in the United States 1685
Cristini JA. Surgical Management of the Proximal Femoral Focal Deficient Extremity 424
*__Crothers OD and Johnson JTH.__ Isolated Acute Dislocation of the Proximal Tibiofibular Joint. Case Report 181
*__Curtis RM and Eversmann WW Jr.__ Internal Neurolysis as an Adjunct to the Treatment of the Carpal-Tunnel Syndrome 733

D

Dahlin DC *see* **Fitzgerald RH Jr.**
Dameron TB Jr. *see* **McDaniel WJ**
*__Dashefsky JH.__ Calcific Degeneration in the Tendon of the Long Head of the Biceps Femoris. An Unusual Cause of Sciatica 211
Davis FJ et al. The Patellar Tendon Bearing Brace (Report of Sixteen Patients) 421

* Indicates full article.

PAGE

Davis PH *see* **Renne JW**
Dawson EG et al. Spinal Deformity in Neurofibromatosis—Natural History, Classification, and Treatment 1321
Dawson EG et al. Surgical Management of Scoliosis in the Adult 437
Deffer PA *see* **Herndon JH**
del Toro RA et al. Serratia Marcescens Osteomyelitis of the Cervical Spine 1315
Dehne E *see* **Connolly JF**
Denham R *see* **Dingley A**
***De Oliveira JC.** Barton's Fractures 586
Deponte RJ *see* **White AA III**
Detenbeck LC et al. Peripheral Joint Manifestations of Acromegaly 1305
DeWald RL and **Ray RD.** Scoliosis and Impending Paraplegia 436
DeWald RL et al. Force Measurement Studies with the Halo-Hoop Apparatus 438
Diamond LS. Natural History and Treatment of Early Hip Disease in Spondylo- and Multiple Epiphyseal Dysplasia 1318
Dick HM *see* **Louis DS**
Dickson JH. Growth Arrest in Tall Scoliotic Girls . 439
***Dickson JH** and **Harrington PR.** The Evolution of the Harrington Instrumentation Technique in Scoliosis 993
Dickson JH et al. Harrington Instrumentation in the Fractured, Unstable Thoracic and Lumbar Spine 422
Difazio CA *see* **McLaughlin RE**
***Dingley A** and **Denham R.** Fracture-Dislocation of the Humeral Head. A Method of Reduction . . 1299
DiStefano V et al. Intraoperative Analysis of the Effects of Position and Body Habitus on Back Surgery 1313
Dobranski AI *see* **Eaton RG**
Doherty JH. Complications of Fusion in Lumbar Scoliosis 438
***Dolman CL** and **Bell HM.** The Pathology of Legg-Calvé-Perthes Disease. A Case Report 184
Dombrowski ET. Wide Decompression for Progressive Spinal Stenosis—Five-Year Follow-up . . . 423
Donovan WF *see* **Fahey JJ**
Dorr JR et al. Results of Posterior Spine Fusion in Patients with Spinal Muscular Atrophy. A Review of Twenty-five Cases 436
Doyle JR et al. Experimental Methods for the Attachment of Artificial Tendons to Bone Muscle and Tendon 874
Drennan DB *see* **Fahey JJ**
Drummond DS et al. Proximal Hamstring Recession in Cerebral Palsy 1311
Drysdale WF et al. Injury Patterns in Motorcycle Collisions 1769
Dunn AW. Fractures and Dislocations of the Carpus 1319
***Dunn AW** and **Whisler JH.** Synovial Chondromatosis of the Knee with Associated Extracapsular Chondromas 1747
Dunn HK et al. A Rationale for Treatment of Tibial-Shaft Fractures 421
***DuVal MK.** Whose Hand Is on the Tiller? 1544
Dworecka F *see* **Smith RJ**

E

Eaton RG and **Littler JW.** Deep Ulnar Ligament Reconstruction for Thumb Carpometacarpal Instability 1307
***Eaton RG** and **Littler JW.** Ligament Reconstruction for the Painful Thumb Carpometacarpal Joint . 1655
***Eaton RG, Dobranski AI** and **Littler JW.** Marginal Osteophyte Excision in Treatment of Mucous Cysts 570
Eaton RG *see* **McKay D**
Edmonson AS and **Morris JT.** Follow-up Study of Milwaukee Brace Treatment in Patients with Idiopathic Scoliosis 439
Edshage S and **Wittenstrom E.** A New Method for Testing Sensory Function in Finger Tips 882
Eguro H and **Goldner JL.** Antigenicity of Chondromucoprotein: Experimental Arthritis Induced by Anti-Chondromucoprotein Immune Globulin . 654
Ehrlich GE *see* **Cohen SH**
***Ehrlich MG, Mankin HJ** and **Treadwell BV.** Acid Hydrolase Activity in Osteoarthritis and Normal Human Cartilage 1068

PAGE

Ehrlich MG, Weiss C, Mankin HJ, Treadwell BV and **Sanzone C.** Histochemical, Metabolic and Ultrastructural Studies of the Maturation Zone of the Rachitic Rat Epiphyseal Plate 785
Eilers AF *see* **Hughston JC**
Elkon A *see* **Axer A**
Ellison MR et al. Finger Joint Replacement in the Rheumatoid Hand, A Comparison Study of 525 Implants of Varying Design and Material 880
Elmer RM and **Frankel VH.** The Efficacy of Pneumoradiography in Assessing Recurrent or Regenerative Menisci 1315
Elton RC and **Bouzard WC.** Management of Gunshot and Fragment Wounds of the Metacarpus . . . 887
Endler PM *see* **Schultz RJ**
Engh CA *see* **Milgram JW**
Enis JE et al. Toxicity of Methyl Methacrylate to Cells in Tissue Culture 661
Enneking WF *see* **Marcus ND**
***Ericson C, Lidgren L** and **Lindberg L.** Cloxacillin in the Prophylaxis of Postoperative Infections of the Hip 808
Eversmann WW Jr. *see* **Curtis RM**
***Ewald FC** and **Hirohashi K.** Effect of Distal Transfer of the Greater Trochanter in Growing Animals . 1064
Eyre DR and **Glimcher MJ.** Crosslinking in Bone Collagen: The Sites of Intermolecular and Intramolecular Aldehyde-Mediated Bonds 651
Exarchou E *see* **Pantazopoulos T**

F

***Fabry G, MacEwen GD** and **Shands AR Jr.** Torsion of the Femur. A Follow-up Study in Normal and Abnormal Conditions 1726
***Fahey JJ** and **O'Brien ET.** Subtotal Resection and Grafting in Selected Cases of Solitary Unicameral Bone Cyst 59
***Fahey JJ, Stark HH, Donovan WF** and **Drennan DB.** Xanthoma of the Achilles Tendon. Seven Cases with Familial Hyperbetalipoproteinemia 1197
***Falvo KA** and **Bullough PG.** Osteogenesis Imperfecta: A Histometric Analysis 275
***Farkas LG, McCain WG, Sweeney P, Wilson W, Hurst LN** and **Lindsay WK.** An Experimental Study of the Changes Following Silastic Rod Preparation of a New Tendon Sheath and Subsequent Tendon Grafting 1149
Farkas LG et al. An Experimental Study of the Changes Following Silastic Rod Preparation of a Pseudo Tendon Sheath and Subsequent Tendon Grafting 873
Feagin JA *see* **Jackson DW**
Feiwell E *see* **Hoffer MM**
Fekety FR Jr. *see* **Noyes FR**
***Ferguson AB Jr.** Primary Open Reduction of Congenital Dislocation of the Hip Using a Median Adductor Approach 671
Ferguson AB and **McMaster JH.** Isolated Posteromedial Capsular Lesion of the Knee 1316
Ferlic DC and **Clayton ML.** Tendon Transfer for Radial Rotation in the Rheumatoid Wrist . . . 880
***Field JH** and **Krag DO.** Congenital Constricting Bands and Congenital Amputation of the Fingers: Placental Studies 1035
Field JH and **Krag DO.** Placental Studies on the Development of Congenital Constricting Bands and Congenital Amputation of the Fingers 874
***Fielding JW** and **Ratzan S.** Osteochondroma of the Cervical Spine 640
Fielding JW et al. Telescoping Pugh Nail Fixation of Displaced Intracapsular Fractures of the Femoral Neck 1309
Fielding JW et al. Traumatic Lysis of the Transverse Ligament of the Axis 651
Finerman G. The Effect of Theophylline, Cyclic AMP and Dibutyryl Cyclic AMP on Amino Acid Transport and Collagen Synthesis 657
Finerman GA *see* **Grigg P**
Fischer DA and **House JH.** Radial Nerve Paralysis Associated with Fractures of the Humerus . . . 1307
Fisher DP. Excisional Elbow Arthroplasty 1305
Fisher RC et al. Hand Changes in Mucopolysaccharide Disorders 883
***Fitzgerald RH Jr., Dahlin DC** and **Sim FH.** Multiple

PAGE

Metachronous Osteogenic Sarcoma. Report of Twelve Cases with Two Long-Term Survivors . . 595
*Fitzgerald RH Jr., Peterson LFA, Washington JA II, Van Scoy RE and Coventry MB. Bacterial Colonization of Wounds and Sepsis in Total Hip Arthroplasty 1242
Flick MR *see* Milgram JW
Floyd W. Geometrical Consideration in Determining Thumb Carpometacarpal Joint Impairment . . . 877
Flynn JE *see* Brown H
Forrest JS and Brooks DL Jr. Cyclic Sciatica of Endometriosis 1318
Forrester DM *see* Bjarnason DF
Fountain SS et al. Fracture-Dislocations of the Wrist 1319
Freeman MAR *see* Sanchis M
Fried A *see* Seelenfreund M
Friedenberg S *see* Simon WH
Fritz SD *see* Hargest TS
Fry LR *see* Grtizka TL
*Frymoyer JW and Bland J. Carpal-Tunnel Syndrome in Patients with Myxedematous Arthropathy . . 78
Frymoyer JW *see* Matteri RE
Funk FJ Jr. and Wells RE. Injuries of the Cervical Spine in Football 1304
*Furey JG and McNamee DC. Air Splints for Long-Term Management of Osteogenesis Imperfecta . 645

G

Gainor JW *see* White AA III
Garceau G et al. Coxa Plana (A Surgical Approach) 1313
Garcia C *see* Goldsmith NF
Gartland JJ *see* Levitt RL
*Ger R and Adar U. The Management of Chronic Cavities in the Region of the Hip Joint 758
Ghelman B, Erkman M and Walker PS. Significance of Knee Kinematics after Various Types of Prosthetic Replacement 1320
Gilardi GL *see* Tchang FKM
Gillespie R. Septic Arthritis of Childhood 1312
Gillespie R et al. Intraspinal Anomalies Associated with Congenital Scoliosis 434
Gitchell RG *see* Wenger DR
*Glynn JJ and Lichtenstein L. Osteoid-Osteoma with Multicentric Nidus. A Report of Two Cases . . . 855
*Godshall RW and Hansen CA. Incomplete Avulsion of a Portion of the Iliac Epiphysis. An Injury of Young Athletes 1301
Goldberg V et al. Transplantation of the Canine Knee Joint on Vascular Pedicles 1314
Goldberg VM and Lance EM. A Study of Immune Synovitis—Relative Roles of Cell Mediated and Humoral Immunity 654
Goldner JL et al. Arthrosis of the First Metacarpal Trapezium Joint 1769
Goldner JL *see* Urbaniak JR
*Goldsmith NF, Johnston JO, Picetti G and Garcia C. Bone Mineral in the Radius and Vertebral Osteoporosis in an Insured Population. A Correlative Study Using ^{125}I Photon Absorption and Miniature Roentgenograms 1276
Goodman AH *see* Sella EJ
Graham JJ and Alexander SC. Early Changes in Arterial Blood Gases after Exercise in Asymptomatic Scoliosis. A Preoperative and Postoperative Study 440
Graham JJ *see* Rosenthal RL
Granda JL et al. Enzymatic and Histological Study on Synovial Tissue in Degenerative Hip Disease . 655
*Green DP. True and False Traumatic Aneurysms in the Hand. Report of Two Cases and Review of the Literature 120
*Green DP and Anderson JR. Closed Reduction and Percutaneous Pin Fixation of Fractured Phalanges 1651
Green DP and Terry GC. Complex Dislocation of the Metacarpophalangeal Joint 426
*Green DP and Terry GC. Complex Dislocation of the Metacarpophalangeal Joint. Correlative Pathological Anatomy 1480
Green NE and Allen BL Jr. Dislocations of the Knee with Vascular Injury 1306
Greene AF *see* Keim HA
Greene DP and Anderson JR. Early Motion Treatment of Fractures of the Phalanges 1307
Greene WB *see* Bowers WH

PAGE

Greenwald AS and Manley PT. Energy Absorption in the Human Hip Joint 652
*Gregory CF. Whither Orthopaedics—Circa 1973 . . 1537
Gregory CF *see* Aston JW Jr.
*Grigg P, Finerman GA and Riley LH. Joint-Position Sense after Total Hip Replacement 1016
Gristina AG et al. Pauciarticular Rheumatoid Arthritis of Childhood—A Non-Surgical Approach . 1312
*Gritzka TL, Fry LR, Cheesman RL and LaVigne A. Deterioration of Articular Cartilage Caused by Continuous Compression in a Moving Rabbit Joint. A Light and Electron Microscopic Study . 1698
*Gupta RC. Treatment of Chronic Osteomyelitis by Radical Excision of Bone and Secondary Skin-Grafting 371

H

Habermann ET. Total Knee Replacement in Rheumatoid Arthritis 1321
Hakala M *see* McLaughlin RE
Hall JE and Spira IS. Harrington Instrumentation in the Management of Paralytic Scoliosis 437
Hall JE et al. Dwyer Instrumentation and Anterior Spine Fusion 1323
Hansen CA *see* Godshall RW
Hardy JH and Curtis BH. Dangerous Curves . . . 436
Hardy JH and Wachs MD. An Evaluation of Milwaukee Brace Failures 439
Hardy JH et al. Results of Early Ambulation Following Scoliosis Spine Fusion and Harrington Rodding 437
Hardy R *see* White AA III
Hardy RW Jr. et al. Follow-up Report, Experimental and Clinical Studies in Spinal Cord Monitoring: The Effect of Pressure, Anoxia and Ischemia on Spinal-Cord Function 435
*Hargest TS, Fritz SD and Pearce JA. The Use of Traction on an Air-Fluidized Bed 1763
*Harrington KD and Johnston JO. The Management of Comminuted Unstable Intertrochanteric Fractures 1367
Harrington PR *see* Dickson JH
Harris WH and Stulberg SD. Total Hip Replacement for Arthritis Secondary to Congenital Hip Disease 1765
*Harris, WR, Rathbun JB, Wortzman G, and Humphrey JG. Avulsion of Lumbar Roots Complicating Fracture of the Pelvis 1436
Harris WR et al. Lumbar Nerve-Root Avulsions Complicating Fractures of the Pelvis 1766
Hartofilakidis-Garofalidis G *see* Pantazopoulos T
Harvey JP Jr. *see* Meyers MH
Hastings DE and Hewittson WA. Double Hemiarthroplasty of the Knee in Rheumatoid Arthritis—A Review of Fifty Consecutive Cases 1320
Haverbush TJ and Evarts CM. Intraoperative Autotransfusion: A Laboratory Study in Dogs Undergoing Spine Fusion 435
Hawthorne JR et al. A Dynamic Force Plate 653
Hazelrig PE *see* Specht EE
*Heffington CA and Thompson RC Jr. The Use of Interscalene Block Anesthesia for Manipulative Reduction of Fractures and Dislocations of the Upper Extremities 83
Hensinger RN and MacEwen GD. Evaluation of Cotrel Dynamic Spine Traction in the Treatment of Scoliosis: A Preliminary Report 438
Heppenstall RB et al. Chondrolysis of the Hip Joint—Usual and Unusual Presentations 1308
*Herndon JH, Tolo VT, Lanoue AM and Deffer PA. Management of Fractured Femora in Acute Amputees. Results of Early Ambulation in a Cast-Brace and Pylon 1600
*Herold HZ and Torok G. Surgical Correction of Neglected Club Foot in the Older Child and Adult 1385
Heston WM *see* Lieberg OU
Hirohashi K *see* Ewald FC
Hirsch C *see* Schultz AB
*Hoaglund FT, Yau ACMC and Wong WL. Osteoarthritis of the Hip and Other Joints in Southern Chinese in Hong Kong. Incidence and Related Factors 545
*Hoffer MM, Feiwell E, Perry R, Perry J and Bonnett

* Indicates full article.

PAGE

C. Functional Ambulation in Patients with Myelomeningocele 137
Hoffer MM *see* **Braun RM**
Hohl M. Prognosis in Soft-Tissue Injuries of the Neck 1766
Holdsworth DE *see* **Millender LH**
Holstein A and **Lewis GB.** Experience with Oblique Displacement Osteotomy (Wilson) for Hallux Valgus 427
Holtrop M et al. The Ultrastructure of Osteoclasts during Stimulation and Inhibition of Bone Resorption in Tissue Culture. 654
Hood LT *see* **Jardon OM**
Hooper WR *see* **Coonrad RW**
Hoppenfeld S and **Spiro A.** Histochemical Findings in the Paraspinal Muscles of Patients with Idiopathic Scoliosis 435
House JH. A Dynamic Approach to the "Thumb in Palm" Deformity in Cerebral Palsy. 873
Howard FM et al. The Rotating Navicular—Voluntary Subluxation 877
***Hoyt WA.** The Fifty-First Man 866
Hsu Z *see* **Wolbrink AJ**
Hubbard DD. Injuries of the Spine in Children and Adolescents 1322
Huddleston HD *see* **Schultz RJ**
***Hughston JC** and **Eilers AF.** The Role of the Posterior Oblique Ligament in Repairs of Acute Medial (Collateral) Ligament Tears of the Knee 923
Hughston JC et al. The Suprapatellar Plica: Its Role in Internal Derangement of the Knee 1318
Humphrey JG *see* **Harris WR**
Hunder GG *see* **Langloh ND**
***Hundley JD** and **Wilson FC.** Progressive Diaphyseal Dysplasia. Review of the Literature and Report of Seven Cases in One Family 461
Hunt RM *see* **Brighton CT**
Hunter JM et al. A Dynamic Approach to Problems of Hand Function Using Local Anesthesia Supplemented by Intravenous Innovar 885
Hurst LN *see* **Farkas LG**
Huvos AG *see* **Marcove RC**

I

***Ihle PM** and **McBeath AA.** Bone Metastasis from Colonic Carcinoma. A Case Report 398
Inglis AE and **Sculco TP.** Ruptures of the Tendo Achillis Treated Surgically 1319
Insall J et al. Five Year End Results of High Tibial Osteotomy for Gonarthrosis 1320
Insall J *see* **Shoji H**
***Iverson RE** and **Vistnes LM.** Coccidioidomycosis Tenosynovitis in the Hand 413

J

***Jackson DW** and **Feagin JA.** Quadriceps Contusions in Young Athletes. Relation of Severity of Injury to Treatment and Prognosis 95
Jackson DW and **Feagin JA.** Quadriceps Contusions in Young Athletes. Relation of Severity of Injury to Treatment and Prognosis 421
Jacobs B and **Hoffman J.** Slipped Capital Femoral Epiphysis in Black Patients 1308
Jaffe F and **Mankin HJ.** *In Vivo* Water "Clearance" by Articular Cartilage of Immature Rabbits . . . 653
Jaffe HL *see* **Kambolis C**
***Jardon OM, Hood LT** and **Lynch RD.** Complete Avulsion of the Axillary Artery as a Complication of Shoulder Dislocation 189
Jennings JJ et al. Controlled Hypotensive Anesthesia 1313
Jevtic MM *see* **Pankovich AM**
Johnson JTH and **Crothers OD.** Long-Term Evaluation of Nailing Versus Prosthesis in Treatment of Femoral Neck Fractures 1768
Johnson JTH *see* **Crothers OD**
Johnson RJ et al. Factors Affecting Late Menisectomy Results 1304
Johnston JO *see* **Goldsmith NF**
Johnston JO *see* **Harrington KD**
***Johnston RM** and **Miles JS.** Sarcomas Arising from Chronic Osteomyelitic Sinuses. A Report of Two Cases. 162
***Jokl P** and **Skinner HCW.** Fluoride-Induced Changes in Ashed Bone Mineral of Growing Sheep. An X-Ray Diffraction Analysis 761

PAGE

Jowsey J and **Holley K.** The Influence of Diphosphonates on the Progress of Experimentally Induced Osteoporosis 659
Joyce JJ III et al. The Treatment of Hip Fractures Using a Compression Screw—A Preliminary Report 1309

K

***Kambolis C, Bullough PG** and **Jaffe HL.** Ganglionic Cystic Defects of Bone 496
Karagiorgos A *see* **Miller R**
***Katz JF.** Recurrent Legg-Calvé-Perthes Disease . . 833
Katz JF and **Siffert RS.** Conservative Management of Coxa Plana 1771
Kaufer H *see* **Spengler DM**
Kauffman MS *see* **Cohen SH**
Keim HA and **Greene AF.** Diastematomyelia and Scoliosis 434
Keim HA and **Greene A.** Diastematomyelia and Scoliosis 1322
***Keim HA** and **Greene AF.** Diastematomyelia and Scoliosis 1425
Keller RB *see* **Victor DI**
Kelly PJ *see* **Langloh ND**
Kennedy JC et al. The Enigma of the Anterior Cruciate Ligament 1316
Ketcham AS *see* **Lewis RJ**
Kettelkamp DB *see* **Miller R**
King P *see* **Connolly JF**
***King RE** and **Lovejoy JF Jr.** Familial Osteopetrosis with Coxa Vara. A Case Report 381
Kirsh MM *see* **Spengler DM**
Kleinert HE et al. Treatment of the Reduplicated Thumb 874
Kohanim M *see* **Zabihi T**
Kovacs AJ et al. Infection Complicating Intramedullary Nailing of the Fractured Femur 1306
Krag DO *see* **Field J**
Kramer WG et al. The Compensating Osteotomy for Severe Slipped Capital Femoral Epiphysis . . . 1318
Krane SM et al. Collagen Lysyl Hydroxylase Deficiency: A New Heritable Disorder of Connective Tissue 1303
Krawczyk M *see* **Mankin HJ**
Kroll LL *see* **Wiesseman GJ**
Kruse RL and **Kelly PJ.** Acceleration of Fracture Healing by Increased Venous Pressure 1767
Kulkarni VV et al. Micromorphology of Aging Bone 658
Kuo KN and **DeWald RL.** Postoperative Chest X-Rays and Transthoracic Anterior Spine Fusions for Kyphosis 435

L

Lafollette B *see* **Connolly JF**
Lamarre A *see* **Nisbet HIA**
Lambert KL *see* **Scherr DD**
Lane JM and **Brighton CT.** *In Vitro* Rabbit Articular Cartilage Model: Effect of Varying Oxygen Tensions on ^{35}S Uptake 652
Lane JM *see* **Rosenfeld K**
Langer F and **Gross AE.** Immunogenicity of Articular Cartilage 655
***Langloh ND, Hunder GG, Riggs BL** and **Kelly PJ.** Transient Painful Osteoporosis of the Lower Extremities 1188
Lanoue AM *see* **Herndon JH**
Lardone J and **Levine DB.** Milwaukee Brace Treatment in Juvenile Idiopathic Scoliosis 438
Laros GS and **Moore JF.** Complications of Fixation in Intertrochanteric Fractures 1310
Larsson S-E and **Lemperg RK.** The Glycosaminoglycans in Different Layers of Bovine Articular Cartilage during Aging 652
Laubenthal KN *see* **Miller R**
Laurin CA and **Saidi K.** Prosthetic Replacement of Cruciate Ligaments 652
Laurin CA and **Saidi K.** Prosthetic Replacement of the Anterior Cruciate Ligament 1771
Laurin CA et al. Knee Synovectomy in Rheumatoid Arthritis—Long-Term Follow-up 1304
Lautenschlager EP *see* **Meyer PR Jr.**
LaVigne A *see* **Gritzka TL**
Lawrence AW. Scoliosis Care in Private Practice . . 436
***Lawrence GD, Loeffler RG, Martin LG** and **Connor**

PAGE

TB. Immobilization Hypercalcemia. Some New Aspects of Diagnosis and Treatment 87
Lay KC. Shoulder Fusions in Children 424
Leach RE et al. Results of Treatment of Ipsilateral Femoral and Tibial Fractures 1768
Leatherman KD. Operative Treatment for Congenital Scoliosis 435
Leffert RD. Upper Extremity Neurological Manifestations of Diabetes Mellitus 883
*__Leider LL, Moe JH__ and __Winter RB.__ Early Ambulation after the Surgical Treatment of Idiopathic Scoliosis 1003
*__Levin PD.__ Fracture of the Radial Head with Dislocation of the Distal Radio-Ulnar Joint: Case Report. Treatment by Prosthetic Replacement of the Radial Head 837
Levine SA *see* **Bernhang AM**
Levison H *see* **Nisbet HIA**
*__Levitt RL, Canale ST, Cooke AJ__ and __Gartland JJ.__ The Role of Foot Surgery in Progressive Neuromuscular Disorders in Children 1396
Levy LJ and **Sanders FW.** Salvage Procedure for Hips with Low-Grade Infection 418
Lewis MM *see* **Marcove RC**
*__Lewis RJ__ and __Ketcham AS.__ Maffucci's Syndrome: Functional and Neoplastic Significance. Case Report and Review of the Literature 1465
Li CS *see* **Shaw DT**
*__Lichtblau S.__ A Medial and Lateral Release Operation for Club Foot. A Preliminary Report 1377
Lichtenstein L *see* **Glynn JJ**
Lichti EL *see* **Scherr DD**
Lidgren L *see* **Ericson C**
*__Lieberg OU__ and __Heston WM.__ Primary Tibiofibular Synostosis in Open Tibial Fracture with Segmental Bone Loss. A Report of an Unusual Case 1521
Lin H-Y et al. Changes in Pulmonary Function During Surgical Correction of Kyphoscoliosis 440
Lindberg L *see* **Ericson C**
Lindsay WK *see* **Farkas LG**
Littler JW *see* **Eaton RG**
Loeffler RG *see* **Lawrence GD**
Lorincz AE and **West SS.** The Biophysical Cytochemistry of Living Cells Derived from Patients with Mucopolysaccharidoses 655
Lotke PA et al. Electromechanical Properties in Human Articular Cartilage 657
*__Louis DS__ and __Dick HM.__ Ossifying Lipofibroma of the Median Nerve 1082
Lovejoy JF Jr. *see* **King RE**
*__Lusskin R, Campbell JB__ and __Thompson WAL.__ Post-Traumatic Lesions of the Brachial Plexus. Treatment by Transclavicular Exploration and Neurolysis or Autograft Reconstruction 1159
*__Lutter LD.__ Post-Traumatic Hip Redislocation . . . 391
Lyden JP *see* **Marcove RC**
Lynch JA. Intraosseous Venography of the Osteoarthritic Knee 1315
Lynch RD *see* **Jardon OM**

M

McAllister DT and **Hardy JH.** Juvenile Kyphosis: A Statistical Survey and Comparison of Methods of Treatment 1323
McBeath AA *see* **Ihle PM**
McCabe JD *see* **Noyes FR**
McCain WG *see* **Farkas LG**
*__McDaniel WJ__ and __Dameron TB Jr.__ Irreducible Fracture of the Distal End of the Ulna. A Case Report 1297
MacEwen GD *see* **Fabry G**
*__McKay D, Pascarelli EF__ and __Eaton RG.__ Infections and Sloughs in the Hands in Drug Addicts . . . 741
McKeever J *see* **Braun RM**
*__McKellar CC.__ Congenital Pseudarthrosis of the Tibia—Treatment by Tibial Lengthening and Corrective Osteotomy Seven Years after Successful Bone Graft. A Case Report 193
*__McLaughlin RE, Difazio CA, Hakala M, Abbott B, MacPhail JA, Mack WP__ and __Sweet DE.__ Blood Clearance and Acute Pulmonary Toxicity of Methylmethacrylate in Dogs after Simulated Arthroplasty and Intravenous Injection 1621
McLeod AC Jr. *see* **Boyd HB**

PAGE

MacMahon EB. Baker's Cysts in Children—Is Surgery Necessary? 1311
McMaster WC et al. Blood Pressure Lowering Effect of Methylmethacrylate Monomer 419
McNamee DC *see* **Furey JG**
McNamee WB et al. Diaphysectomy for Unicameral Bone Cyst 1311
MacPhail JA *see* **McLaughlin RE**
Mack WP *see* **McLaughlin RE**
*__Mallory TH.__ Sepsis in Total Hip Replacement Following Pneumococcal Pneumonia. A Case Report 1753
*__Mains DB__ and __Sullivan RC.__ Fracture of the Os Peroneum. A Case Report 1529
*__Mangieri JV.__ Peroneal-Nerve Injury from an Enlarged Fabella. A Case Report 395
*__Mankin HJ, Carter RM__ and __Krawczyk M.__ The Effect of Permissive Environment on Scoring of the Orthopaedic In-Training Examination 1100
Mankin HJ *see* **Ehrlich MG**
*__Marcove RC__ and __Lewis MM.__ Prolonged Survival in Osteogenic Sarcoma with Multiple Pulmonary Metastases. A Case Report and Review of the Literature 1516
*__Marcove RC, Lyden JP, Huvos AG__ and __Bullough PB.__ Giant-Cell Tumors Treated by Cryosurgery. A Report of Twenty-five Cases 1633
*__Marcus ND, Enneking WF__ and __Massam RA.__ The Silent Hip in Idiopathic Aseptic Necrosis. Treatment by Bone-Grafting 1351
Markolf KL and **Morris JM.** The Contributions by Structural Components of the Intervertebral Disc to Its Ability to Withstand Compression Forces . 656
*__Marmor L.__ Surgery of the Rheumatoid Knee. Synovectomy and Débridement 535
Maroudas A et al. Factors Involved in the Nutrition of the Adult Human Lumbar Intervertebral Disc 658
Martin LG *see* **Lawrence GD**
Massam RA *see* **Marcus ND**
*__Matteri RE__ and __Frymoyer JW.__ Fracture of the Calcaneus in Young Children. Report of Three Cases 1091
Maynard JA *see* **Cooper RR**
Mechanic GL et al. The Effect of Vitamin-D Deficiency on the Crosslink Chemical Structure of the Mineralizing Organic Matrix, Collagen . . . 651
*__Meeks LW__ and __Renshaw TS.__ Vertebral Osteophytosis and Dysphagia. Two Case Reports of the Syndrome Recently Termed Ankylosing Hyperostosis 197
Merchant AC and **Mercer RL.** Lateral Release of the Patella—A Preliminary Report 422
*__Merlino AF.__ A Protractor for Measuring Scoliosis by the Cobb Technique 1098
*__Merlino AF__ and __Pike RF.__ Hibernoma of the Thigh. A Case Report 406
Meyer LC *see* **Urbaniak JR**
*__Meyer PR Jr., Lautenschlager EP__ and __Moore BK.__ On the Setting Properties of Acrylic Bone Cement 149
*__Meyers MH, Harvey JP Jr.__ and __Moore TM.__ Treatment of Displaced Subcapital and Transcervical Fractures of the Femoral Neck by Muscle-Pedicle-Bone Graft and Internal Fixation. A Preliminary Report on One Hundred and Fifty Cases 257
Micks JE and **Hager D.** Role of the Controversial Parts of the Extensor of the Finger 884
Midgley RD and **Entin MA.** Proximal Interphalangeal Joint Replacement with Alloplastic Prostheses in Non-Rheumatoid Disease. 873
Miles JS *see* **Johnston RM**
*__Milgram JW__ and __Preininger RE.__ Calcifying Myxoma. A Case Report 401
*__Milgram JW, Flick MR__ and __Engh CA.__ Osteogenesis Imperfecta. A Histopathological Case Report . . 506
*__Millender LH__ and __Nalebuff EA.__ Arthrodesis of the Rheumatoid Wrist. An Evaluation of Sixty Patients and a Description of a Different Surgical Technique 1026
*__Millender LH, Nalebuff EA__ and __Holdsworth DE.__ Posterior Interosseous-Nerve Syndrome Secondary to Rheumatoid Synovitis 753
Miller CW. Growth Characteristics of Metastatic Osteosarcoma 1316
Miller EH et al. A Biomechanical Analysis of the Thumb Metacarpophalangeal Joint as Related to

* Indicates full article.

PAGE

the Design and Testing of a Replacement Prosthesis 653
Miller EH et al. Failure Analysis of Metallic Orthopaedic Implants 658
Miller EH et al. A New Consideration in Athletic Injuries—The Classical Ballet Dancer 1318
Miller GDH *see* **O'Brien BM**
Miller JW. Distal First Metatarsal Displacement Osteotomy—Its Place in the Schema of Bunion Surgery 427
Miller PR *see* **Schlonsky J**
***Miller R, Kettelkamp DB, Laubenthal KN, Karagiorgos A** and **Smidt GL.** Quantitative Correlations in Degenerative Arthritis of the Knee 956
Mills DM *see* **Patzakis MJ**
***Mirra JM** and **Arnold WD.** Skeletal Hemangiomatosis in Association with Hereditary Hemorrhagic Telangiectasia. A Case Report 850
Mital MA et al. The Cast-Brace Treatment of Fractures of the Lower Extremity 1768
Mitchell N *see* **Rennie W**
Mitchell NS and **Shepard N.** The Effect of Osmium Tetroxide and Nitrogen Mustard on Normal Articular Cartilage 656
Mitchell NS and **Shepard N.** Relapsing Polychondritis 660
Mitre H *see* **Zancolli E**
***Miura T.** Thumb Reconstruction Using Radial-Innervated Cross-Finger Pedicle Graft 563
Moe JH *see* **Leider LL**
Moe JH *see* **Winter RB**
Mooney V *see* **Braun RM**
Moore BK *see* **Meyer PR Jr.**
Moore TM *see* **Meyers MH**
Morgan A and **Goldwyn R.** Effects on Hand Function of Shunts and Fistulae for Hemodialysis 878
Morgan TH et al. The Treatment of Ankylosis of the Hip Joint Secondary to Heterotopic Ossification 1304
Mow VC et al. Ridge Patterns on the Surface of Articular Cartilage: A Scanning Electron Microscope and Biomechanical Study 657
***Murphy MC, Shine IB** and **Stevens DB.** Multiple Epiphyseal Dysplasia. Report of a Pedigree . . . 814
Murray D and **Racz G.** Clinical Management of Fat Embolism by Controlled Ventilation and Diuresis 1314

N

Nachemson A et al. Clinical and Radiological Long-Term Follow-up of Vertebral Fractures in Children 440
Nagel DA *see* **Andriole VT**
Nahigian SH *see* **Shaw DT**
Nalebuff EA *see* **Millender LH**
Nasca RJ et al. Natural History of Hemivertebra . . 1321
Nash CL Jr. et al. Oxygen Consumption Studies in Idiopathic Adolescent Scoliosis Patients Undergoing Milwaukee Brace Treatment 439
Neugebauer H. Combined Brace and Hormone Therapy of Idiopathic Scoliosis 439
Neviaser RJ and **Adams JP.** Vascular Malformations in the Hand—Current Management 878
Nicholas JA. The Current Basis for the Reconstruction of Late Knee Instability 422
***Nicholas JA.** The Five-One Reconstruction for Anteromedial Instability of the Knee. Indications, Technique, and the Results in Fifty-two Patients . 899
Nicholas JA. Performance Tests and Their Significance in Loose and Tight Athletes 426
Nirschl RP and **Eberth E.** Etiology and Treatment of Tennis Elbow 1305
***Nisbet HIA, Lamarre A, Levison H** and **Relton JES.** Thoracic Elastance and Its Components in Anesthetized Scoliotic Children 1721
Nolan DR *see* **Coventry MB**
***Noyes FR** and **Sonstegard DA.** Biomechanical Function of the Pes Anserinus at the Knee and the Effect of its Transplantation 1225
***Noyes FR, McCabe JD** and **Fekety FR Jr.** Acute Candida Arthritis. Report of a Case and Use of Amphotericin B 169
Noyes FR et al. Biomechanics of Anterior Cruciate Ligament Preparations in Primates and Effect of Immobilization on Ligament Properties 660

O

***O'Brien BMcC** and **Miller GDH.** Digital Reattachment and Revascularization 714
O'Brien ET *see* **Fahey JJ**
***O'Connor RL.** The Arthroscope in the Management of Crystal-Induced Synovitis of the Knee 1443
***O'Donoghue DH.** Reconstruction for Medial Instability of the Knee. Technique and Results in Sixty Cases 941
Ogden JA and **Southwick WO.** Dislocation of the Proximal Fibula 1319
Ogden JA and **Southwick WO.** A Possible Cause of Avascular Necrosis Complicating the Treatment of Congenital Dislocation of the Hip 1770
O'Neil MT *see* **Urbaniak JR**

P

***Panjabi MM, White AA III** and **Southwick WO.** Mechanical Properties of Bone as a Function of Rate of Deformation 322
Pankey GA *see* **Cortez LM**
***Pankovich AM** and **Jevtic MM.** Coccidioidal Infection of the Hip. A Case Report 1525
***Palande DD.** A Review of Twenty-three Operations on the Ulnar Nerve in Leprous Neuritis 1457
***Pantazopoulos T, Exarchou E** and **Hartofilakidis-Garofalidis G.** Idiopathic Transient Osteoporosis of the Hip 315
Paradis GR and **Kelly PJ.** Blood Flow and Mineral Transport in Experimental Fractures 659
Parke WW *see* **Schiff DCM**
***Parkes JC II** and **Zelko RR.** Isolated Acute Dislocation of the Proximal Tibiofibular Joint. Case Report 177
***Parrish FF.** Allograft Replacement of All or Part of the End of a Long Bone Following Excision of a Tumor. Report of Twenty-one Cases 1
Pascarelli EF *see* **McKay D**
Patman RD et al. The Management of Post-Traumatic Pain Syndromes: Report of 103 Cases . . . 422
***Patzakis MJ, Mills DM, Bartholomew BA, Clayton ML** and **Smyth CJ.** A Visual, Histological, and Enzymatic Study of Regenerating Rheumatoid Synovium in the Synovectomized Knee 287
Pearce JA *see* **Hargest TS**
Pellegrino EA Jr. and **Peterson ED.** Trans-scaphoid Perilunate Dislocations of the Wrist 1319
Perry J et al. Gait Analysis in Triceps Surae Surgery for Cerebral Palsied Children 1311
Perry J *see* **Hoffer MM**
Perry R *see* **Hoffer MM**
Peterson LFA *see* **Fitzgerald RH Jr.**
Petty W et al. Creation of Arteriovenous Fistulae for Treatment of Lower Extension Length Discrepancy 1313
Picetti G *see* **Goldsmith NF**
Pierce DS *see* **Rowe CR**
Pike RF *see* **Merlino AF**
Pollis RP et al. The Atraumatic Osseous Response to Electric Current 653
Ponseti IV *see* **Cooper RR**
Posch JL *see* **Artz TD**
***Potenza AD.** A Technique for Arthrodesis of Finger Joints 1534
Preininger RE *see* **Milgram JW**
Pritchard DJ et al. Fibrosarcoma of the Soft Tissues of the Extremities and the Limb Girdles 1305
Pruner R and **Strong TE Jr.** Arthroplasty of the Knee Using Tibial Plateau Prosthesis 1320
Pugh JW et al. Determination of the Elastic Modulus of Individual Trabeculae by their Buckling Behavior 651

R

Radin EL et al. Studies of Joint Function 1303
Ramsey PL and **Rosenblum H.** Early Detection and Treatment of Congenital Hip Dislocation . . . 1312
Rana NA et al. Atlanto-Axial Subluxation and Upward Translocation of the Odontoid Process in Rheumatoid Arthritis. 1304
***Rasmussen PS.** Tibial Condylar Fractures. Impairment of Knee Joint Stability as an Indication for Surgical Treatment 1331
Rathbun JB *see* **Harris WR**
Ratzan S *see* **Fielding JW**
Reid RL and **Baker GI.** The Single Bone Forearm—A Reconstructive Technique 1307

PAGE

*Reid RL and Travis RT. Acute Necrosis of the Second Interosseous Compartment of the Hand . 1095
Relton JES *see* Nisbet HIA
*Renne JW and Davis PH. An Unusual Gastrocnemius Muscle Syndrome. Case Report 1294
*Rennie W and Mitchell N. Flexion Distraction Fractures of the Thoracolumbar Spine 386
Renshaw TS and Simon MA. Elastofibroma 409
Renshaw TS *see* Meeks LW
Rhinelander FW and Nelson CL. The Vascular and Histologic Responses of Diaphyseal Cortex to Experimental Medullary Nailing and Reaming . 1767
Richardson S *see* Simon WH
Richey DG *see* Shaw DT
Riggs BL *see* Langloh ND
Riley LH *see* Grigg P
Riley LH Jr. *see* Brooker AF
Riordan DC *see* Williams CS
*Riseborough EJ and Wynne-Davies R. A Genetic Survey of Idiopathic Scoliosis in Boston, Massachusetts. 974
Riseborough EJ et al. The Effects of Irradiation of Tumors During Infancy and Childhood on the Axial Skeleton 1322
Ritland GD et al. The Carpal Boss Syndrome . . . 877
Roberts JM. Fracture Separation of the Distal Femoral Epiphysis 1324
Robins PR and Jowsey J. Effect of Mithramycin on Normal and Abnormal Bone Turnover 659
Robinson RA *see* Brooker AF
Rockwood CA Jr. et al. Experiences with Quadrilateral Cast Brace for Fractures of the Femur . . 421
Rodrigo JJ. Dupuytren's Contracture—With Special Reference to Postoperative Disability, Recurrence, and Degree of Correction, and Complications . . 424
Roper B *see* Braun RM
Rosenberg LC. Proteoglycans from Bovine Proximal Humeral Articular Cartilage 652
Rosenberg NJ. Degenerative Spondylolisthesis . . . 1766
*Rosenfeld K, Bora FW Jr. and Lane JM. Osteoid Osteoma of the Hamate. A Case Report and Review of the Literature 1085
Rosenfeld RT et al. Prosthetic Replacement for Trochanteric Fractures of the Femur 420
*Rosenthal RL, Graham JJ and Selirio E. Excision of Pseudotumor with Repair by Bone Graft of Pathological Fracture of Femur in Hemophilia 827
Rowe CR. Re-evaluation of the Position of the Arm in Arthrodesis of the Shoulder in the Adult . . . 1767
*Rowe CR, Pierce DS and Clark JG. Voluntary Dislocation of the Shoulder. A Preliminary Report on a Clinical, Electromyographic, and Psychiatric Study of Twenty-six Patients 445
Rowland SA. Early Fasciotomy in the Treatment of Snake Bite 1314
Rowland SA. Surgical Incisions for Dupuytren's Contracture 426

S

Sakamoto S et al. Effect of Heparin on the Production of Mouse Bone Collagenase in Culture and Direct Effect of Heparin on the Enzyme Activity . 654
Salter RB and Best T. The Pathogenesis and Prevention of Valgus Deformity Following Fractures of the Proximal Metaphyseal Region of the Tibia in Children 1324
*Salvati EA and Wilson PD Jr. Long-Term Results of Femoral-Head Replacement 516
*Sanchis M, Zahir A and Freeman MAR. The Experimental Simulation of Perthes Disease by Consecutive Interruptions of the Blood Supply to the Capital Femoral Epiphysis in the Puppy 335
Sandzén SC Jr. Thumb Web Reconstruction . . . 1308
Sanzone C *see* Ehrlich MG
Sapolsky AI et al. Neutral Protease, Histonase and Cathepsin D Activity in Human Articular Cartilage 657
Sarmiento A. Functional Casting and Bracing of Tibial Fractures 1307
Scherr DD and Dodd TA. The Effect of Brief Exposure of Pathogenic Bacteria to Neomycin Sulphate, Bacitracin, and Polymyxin B Sulphate . 660
*Scherr DD, Lichti EL and Lambert KL. Tissue-Viability Assessment with the Doppler Ultrasonic Flowmeter in Acute Injuries of Extremities . . . 157
*Schiff DCM and Parke WW. The Arterial Supply of the Odontoid Process 1450
*Schlenker JD, Clark DD and Weckesser EC. Calcinosis Circumscripta of the Hand in Scleroderma 1051
Schlenker JD et al. Calcinosis Circumscripta of the Hand in Scleroderma 881
*Schlonsky J and Miller PR. Traumatic Hip Dislocations in Children 1057
Schmeisser G and Seamone W. An Upper Limb Prosthesis-Orthosis Power and Control System with Multi-Level Potential 886
*Schmeisser G and Seamone W. An Upper Limb Prosthesis-Orthosis Power and Control System with Multi-Level Potential 1493
Schock CC et al. An *In Vivo* Method for Three Dimensional Analysis of the Displacement of Spinal Segments 438
*Schoene HR, Berthelsen S and Ahn C. Aneurysm of Femoral Artery Secondary to Osteochondroma . 847
Schultz AB and Hirsch C. Mechanical Analysis of Harrington Rod Correction of Idiopathic Scoliosis 656
*Schultz AB and Hirsch C. Mechanical Analysis of Harrington Rod Correction of Idiopathic Scoliosis 983
*Schultz RJ, Endler PM and Huddleston HD. Anomalous Median Nerve and an Anomalous Muscle Belly of the First Lumbrical Associated with Carpal-Tunnel Syndrome. Case Report 1744
Schwartz ER and Thompson RC Jr. Sulphate Metabolism in Normal and Osteoarthritic Human Articular Cartilage 655
Seamone W *see* Schmeisser G
*Seelenfreund M and Fried A. Correction of Hallux Valgus Deformity by Basal Phalanx Osteotomy of the Big Toe 1411
Segal D *see* Axer A
Selirio E *see* Rosenthal RL
*Sella EJ and Goodman AH. Arthropathy Secondary to Transfusion Hemochromatosis 1077
Shands AR Jr. *see* Fabry G
*Shaw DT, Li CS, Richey DG and Nahigian SH Interdigital Butterfly Flap in the Hand (The Double-Opposing Z-Plasty) 1677
Shaw DT et al. Interdigital Butterfly Flap (The Double Opposing Z-Plasty) 879
Shine IB *see* Murphy MC
Shoji H and Granda JL. Hydrolases in Articular Cartilage of Patella—Normal, Chondromalacia Patellae and Osteoarthritis 655
*Shoji H and Insall J. High Tibial Osteotomy for Osteoarthritis of the Knee with Valgus Deformity 963
Siegel IM and Ray RD. Equinocavovarus in Muscular Dystrophy 1317
Silberman WW. A Clear View of the Index Sesamoid as a Sign of Irreducible Metacarpophalangeal Joint Dislocation 427
Sim F and Daugherty TW. Methyl Methacrylate as an Adjunct in Internal Fixation of Pathologic Fractures 1317
Sim FH *see* Fitzgerald RH Jr.
Simmons EH. The Association of Scoliosis with Syringomyelia and Spinal-Cord Tumors. 440
Simon MA *see* Renshaw TS
Simon SR et al. Friction and Wear Studies on Total Hip Joint Replacement Prostheses 661
Simon WH. A Study of Joint Congruence 652
*Simon WH, Freidenberg S and Richardson S. Joint Congruence. A Correlation of Joint Congruence and Thickness of Articular Cartilage in Dogs . . 1614
Sizemore G et al. Calcitonin, Parathyroid Hormone, and Calcium Homeostasis in Normal Man . . . 660
Skinner HCW *see* Jokl P
Slocum DB et al. Surgical Treatment of the Dislocating Patella in Athletes 1770
Smidt GL *see* Miller R
Smith CF and Henrichsen RK. Congenital Deficiencies of the Fibulae 428
*Smith FM. An Eighty-four Year Follow-up on a Patient with Ununited Fracture of the Lateral Condyle of the Humerus. A Case Report 378

* Indicates full article.

PAGE

Smith RJ. Hand Deformities with Arthrogryposis Multiplex Congenita 883
*__Smith RJ__ and __Dworecka F.__ Treatment of the One-Digit Hand 113
Smith RW. Solitary Unicameral Bone Cyst of the Calcaneus 423
Smith TK. Late Onset Paraparesis in Kyphotic Deformities 422
Smith WS and **Simon MA.** Resection, Autoclaving and Massive Autogenous Grafts for Enchondrosarcoma 1770
Smyth CJ *see* **Patzakis MJ**
Snider WJ and **DeWitt HJ.** Functional Study for Optimum Position for Elbow Arthrodesis or Ankylosis 1305
Solomons CC et al. Platelet Metabolism in Osteogenesis Imperfecta 650
Sonstegard DA et al. Stable Fixation in Intertrochanteric Hip Fractures. A Biomechanical Evaluation 660
Sonstegard DA *see* **Noyes FR**
*__Southwick WO.__ Compression Fixation after Biplane Intertrochanteric Osteotomy for Slipped Capital Femoral Epiphysis. A Technical Improvement . 1218
Southwick WO *see* **Andriole VT**
Southwick WO *see* **Panjabi MM**
Southwick WO *see* **White AA III**
Spadaro JA et al. Electron Diffraction Studies of Collagen Fibrils 657
*__Specht EE__ and __Hazelrig PE.__ Orthopaedic Considerations of Silver's Syndrome 1502
*__Spengler DM, Kirsh MM__ and __Kaufer H.__ Orthopaedic Aspects and Early Diagnosis of Superior Sulcus Tumor of the Lung (Pancoast) 1645
Spengler DM et al. Role of the Orthopaedic Surgeon in the Early Diagnosis of Superior Sulcus Tumor of Lung (Pancoast) 1316
*__Srinivasan H.__ Syme's Amputation in Insensitive Feet. A Review of Twenty Cases 558
Stack HG. The Palmar Fascia 885
Stark HH *see* **Fahey JJ**
*__Steel HH.__ Triple Osteotomy of the Innominate Bone 343
Stevens DB *see* **Murphy MC**
Strait JL *see* **Burkhalter WE**
Straub LR et al. Surgical Indications in the Rheumatoid Wrist 1308
Strawich E and **Glimcher MJ.** Studies on the Hydroxylation of Bone Collagen 658
Strayer LM III. The Incidence of Scoliosis in the Post Partum Female on Cape Cod 436
Strickland JW and **Gillen HW.** Hand Function and Deformity in Parkinson's Disease 884
Sugioka Y *see* **Brighton CT**
Sullivan RC *see* **Mains DB**
Sutfin LV and **Garant PR.** Analysis of Intracellular Structures in Cells of Calcifying Tissues for the Presence of Inorganic Elements 659
Swanson AB Osteoarthritis of the Hand 1769
Swartling RD et al. Vitamin D Resistant Rickets . . 428
Sweeney P *see* **Farkas LG**
Sweet DE *see* **McLaughlin RE**
*__Swezey RL, Bjarnason D__ and __Austin ES.__ Nerve Conduction Studies in Resorptive Arthropathies: Opera-Glass Hand 1680
Swezey RL *see* **Bjarnason DF**

T

*__Taleisnik J.__ The Palmar Cutaneous Branch of the Median Nerve and the Approach to the Carpal Tunnel. An Anatomical Study 1212
Tanzer M et al. Structure of Two Histidine-Containing Crosslinks from Collagen 651
*__Tchang FKM__ and __Gilardi GL.__ Osteomyelitis Due to *Torulopsis inconspicua*. Report of a Case 1739
Teal PV. The Effect of Anticoagulation on Fracture Healing 425
Terry GC *see* **Green DP**
Thibodeau AA. Management of the Problem Postoperative Back 1766
Thompson RC Jr. Experimental Heparin Osteoporosis 654
Thompson RC Jr. Heparin Osteoporosis. An Experimental Model Using Rats 606
Thompson RC Jr. *see* **Heffington CA**
Thompson WAL *see* **Lusskin R**

PAGE

*__Tiley F__ and __Albright JA.__ Osteogenesis Imperfecta: Treatment by Multiple Osteotomy and Intramedullary Rod Insertion. Report on Thirteen Patients. 701
Tolo VT *see* **Herndon JH**
Torg JS and **Quedenfeld TC.** Effect of Shoe Type and Cleat Length on the Incidence and Severity of Knee Injuries among Philadelphia High School Football Players 1319
Tornberg DN et al. The Ultrastructure of Chondromyxoid Fibroma: Its Biologic and Diagnostic Implications 650
Torok G *see* **Herold HZ**
Travis RT *see* **Reid RL**
Treadwell BV *see* **Ehrlich MG**
Tronzo RG et al. Intermedullary Pressure Elevation During the Use of Methacrylate in Total Hip Replacement—A Possible Cause for Embolization . 1316
Tsuge K. Treatment of Established Volkmann's Contracture 882
Tupper JW and **Gunn DR.** Bilateral Anterior Osteotomy of Lateral Masses for a Fused, Dislocated First and Second Cervical Vertebral Joint 435
Turner RH et al. Femoral Fractures in Conjunction with Total Hip Replacement 1766
Turner RS. Laminar Air Flow: History and Evaluation 420

U

Uitto J et al. Inhibition of Collagen Formation in Scars with the Proline Analogue cis-Hydroxyproline and the Mechanism of its Action 658
Unverferth LJ and **Olix ML.** The Effect of Local Steroid Injections on Tendon 1315
Upshaw JE et al. The Geometric Knee Prosthesis for Total Knee Arthroplasty 418
*__Urbaniak JR__ and __Goldner JL.__ Laceration of the Flexor Pollicis Longus Tendon: Delayed Repair by Advancement, Free Graft or Direct Suture. A Clinical and Experimental Study 1123
Urbaniak JR and **McCollum DE.** A Clinical Experience with Silicone-Dacron Metacarpophalangeal Joint and Interphalangeal Joint Prostheses . . . 1308
*__Urbaniak JR, O'Neill MT__ and __Meyer LC.__ Purpura Fulminans 69
Urbaniak JR et al. An Analysis of Tensile Strength of Tendon Anastomoses 884

V

Van Jackman K and **Klein L.** Quantification of Bone Resorption *In Vivo* Utilizing ^{3}H-Tetracycline 654
Van Scoy RE *see* **Fitzgerald RH Jr.**
Vauzelle C et al. Functional Monitoring of Spinal Cord Activity During Spinal Surgery 441
Veliskakis KP. Increased Generalized Ligamentous Laxity in Idiopathic Scoliosis 435
Venters WB et al. Thermography and Radioisotope Photoscans as Complementary Aids in the Early Diagnosis of Metastatic Cancer Bone 658
*__Victor DI, Bresnan MJ__ and __Keller RB.__ Brain Abscess Complicating the Use of Halo Traction 635
Vinson W and **Glimcher MJ.** Synthesis and Intracellular Maturation of Procollagen 657
Vistnes LM *see* **Iverson RE**
Volz RG. Development of a Trochanteric Bolt for Use in Total Hip Surgery 419

W

Wagner FW Jr. et al. Syme's Amputation Done in Two Stages 1770
Walker PS et al. Prosthetic Reconstruction of the Canine Achillis and Patellar Tendons Using Dacron-Mesh Silicone Prosthesis—Part II, Mechanical Evaluation 659
Wang JF *see* **Winter RB**
Washington JA II *see* **Fitzgerald RH Jr.**
*__Watson RC__ and __Cahen I.__ Pathological Fracture in Long Bone Sarcoidosis. Report of a Case 613
Waugh TR et al. Total Arthroplasty of the Knee Utilizing the University of California, Irvine, Total Knee Replacement Prosthesis 418
Webber M and **Wagner J.** Demonstration of Vascularity of the Femoral Head Using Technetium-99m 1315
Weckesser EC *see* **Schlenker JD**

PAGE

Weinstein AM et al. Rate Dependent Mechanical Properties of Polymethylmethacrylate 661
Weiss C et al. Diffusion Rates in Articular Cartilage: Evidence for an Active Transport System 657
Weiss C *see* **Ehrlich MG**
*__Wenger DR__ and __Gitchell RG__. Severe Infections Following Pudendal Block Anesthesia: Need for Orthopaedic Awareness 202
*__West WO__. Velban as Treatment for Diffuse Eosinophilic Granuloma of Bone. Report of a Case . 1755
Whisler JH *see* **Dunn AW**
*__White AA III, Southwick WO, Deponte RJ, Gainor JW__ and __Hardy R__. Relief of Pain by Anterior Cervical-Spine Fusion for Spondylosis. A Report of Sixty-five Patients 525
White AA III et al. An Experimental Study of the Immediate Load-Bearing Capacity of Three Surgical Constructions for Anterior Spine Fusions . . 656
White AA III *see* **Panjabi MM**
Widell EH Jr. et al. Experiences with Chymopapain Chemonucleolysis with Analysis of Suboptimal Results 427
*__Wiesseman GJ, Wood VE__ and __Kroll LL__. Pseudomonas Vertebral Osteomyelitis in Heroin Addicts. Report of Five Cases 1416
Wiesseman GJ et al. Pseudomonas Vertebral Osteomyelitis in Drug Addicts 1315
Wiggins HE. The Anterior Compartment Syndrome —A Complication of the Hauser Procedure . . . 1306
*__Wigren A__ and __Amici F Jr.__ Traumatic Atlanto-Axial Dislocation Without Neurological Disorder. A Case Report. 642
Wilde AH. Synovectomy of the Proximal Interphalangeal Joint of the Finger in Rheumatoid Arthritis 426
Wilde AH. Synovectomy of the Proximal Interphalangeal Joint of the Finger in Rheumatoid Arthritis 881
Williams CS and **Riordan DC**. *Mycobacterium marinum* (Atypical Acid-Fast Bacillus) Infections of the Hand 879
*__Williams CS__ and __Riordan DC__. *Mycobacterium marinum* (Atypical Acid-Fast Bacillus) Infections of the Hand. A Report of Six Cases 1042
Wilson FC *see* **Bowers WH**
Wilson FC *see* **Hundley JD**
*__Wilson PD Jr.__ One for All; All for One 859
Wilson PD Jr. et al. The Results of Total Prosthetic Replacement of the Hip in the Presence of Known or Suspected Infection 1766

PAGE

Wilson PD Jr. *see* **Charosky CB**
Wilson PD Jr. *see* **Salvati EA**
Wilson RL et al. Rehabilitation of the Below-Elbow Amputee Utilizing the Biceps Cineplasty 886
Wilson W *see* **Farkas LG**
Wiltse LL and **Widell EH Jr.** Stress Fracture—The Basic Lesion in Isthmic Spondylolisthesis 1306
Wingo CH *see* **Carr CR**
*__Winter RB, Moe JH__ and __Wang JF__. Congenital Kyphosis. Its Natural History and Treatment as Observed in a Study of One Hundred and Thirty Patients. 223
Winter RB *see* **Leider LL**
*__Wolbrink AJ, Hsu Z__ and __Bianco AJ__. Abduction Contracture of the Shoulders and Hips Secondary to Fibrous Bands 844
*__Wolf MD__. Metatarsal Osteotomy for the Relief of Painful Metatarsal Callosities 1760
Wong WL *see* **Hoaglund FT**
Wood VE *see* **Wiesseman GJ**
Wortzman G *see* **Harris WR**
*__Wright RS__. Acute Congestive Heart Failure Apparently Secondary to Solitary Plasmocytoma and Massive Hemorrhage after Biopsy. Case Report . 1749
Wrobel LJ. Inapparent Hypoxemia Associated with Isolated Fractures 423
Wynne-Davies R *see* **Riseborough EJ**

Y

Yau ACMC *see* **Hoaglund FT**
Yturraspe DJ et al. Second Lumbar Spondylectomy and Shortening of the Spinal Column of the Dog . 436

Z

*__Zabihi T, Kohanim M__ and __Amir-Jahed AK__. A Modified Girdlestone Operation in the Treatment of Complications of Fractures of the Femoral Neck 129
Zahir A *see* **Sanchis M**
*__Zancolli E__ and __Mitre H__. Latissimus Dorsi Transfer to Restore Elbow Flexion. An Appraisal of Eight Cases. 1265
Zelko RR *see* **Parkes JC II**
Zeuge RC et al. A Disastrous Dysraphism 434
Zickel RE and **Dunn CE Jr.** The Use of the Zickel Nail for Fractures and Lesions of the Subtrochanteric Region of the Femur. 1311
Zuege RC et al. The Push-Pull Management of Decompensated Lumbosacral Curves 437
Zwerling MB. The Halo Device in Acute Cervical Spine Injuries 424

• Indicates full article.

SUBJECT INDEX

Volume 55-A

PAGE

A

Acromegaly, Peripheral Joint Manifestations of. Detenbeck LC et al. 1305
Acromioclavicular Separations and Dislocations, Closed Management of. Anzel SH and Streitz W 420
*Acrylic Bone Cement, On the Setting Properties of. Meyer PR Jr., Lautenschlager EP and Moore BK 149
*Air-Fluidized Bed, The Use of Traction on an. Hargest TS, Fritz SD and Pearce JA 1763
*Allograft Replacement of All or Part of the End of a Long Bone Following Excision of a Tumor. Report of Twenty-one Cases. Parrish FF 1
*Ambulation in Patients with Myelomeningocele, Functional. Hoffer MM, Feiwell E, Perry R, Perry J and Bonnett C. 137
*Ambulation after the Surgical Treatment of Idiopathic Scoliosis, Early. Leider LL Jr., Moe JH and Winter RB 1003
*American Academy of Orthopaedic Surgeons, The. Presidential Address. The Fifty-First Man. Hoyt WA 866
*American Academy of Orthopaedic Surgeons, The. Presidential Address. One for All; All for One. Wilson PD Jr. 859
*American Society for Surgery of the Hand. Presidential Address. Hand Surgery in the Medical School Curriculum. Bell JL 875
Amputation Gap, Soft-Tissue Closure of the. Butler B Jr. 887
*Amputation in Insensitive Feet, Syme's. A Review of Twenty Cases. Srinivasan H 558
*Amputees, Management of Fractured Femora in Acute. Results of Early Ambulation in a Cast-Brace and Pylon. Herndon JH, Tolo VT, Lanoue AM and Deffer PA 1600
Anesthesia, Controlled Hypotensive. Jennings JJ et al. 1313
*Aneurysms in the Hand, True and False Traumatic. Report of Two Cases and Review of the Literature. Green DP. 120
*Antibiotic Prophylaxis in Experimental Bone Infections. Bowers WH, Wilson FC and Greene WB . 795
*Antibiotics in Hip Fractures, A Double-Blind Clinical Trial of Prophylactic. Boyd RJ, Burke JF and Colton T 1251
*Anticoagulation, "Delayed" Prophylactic: A Study of Results and Complications in 2,012 Total Hip Arthroplasties. Coventry MB, Nolan DR and Beckenbaugh RD 1487
*Arterial Supply of the Odontoid Process, The. Schiff DCM and Parke WW 1450
Arteriovenous Fistulae, Creation of, for Treatment of Lower Extension Length Discrepancy. Petty W et al. 1313
*Artery, Aneurysm of Femoral, Secondary to Osteochondroma. Schoene HR, Berthelsen S and Ahn C 847
*Artery as a Complication of Shoulder Dislocation, Complete Avulsion of the Axillary. Jardon OM, Hood LT and Lynch RD 189
*Arthritis, Acute Candida. Report of a Case and Use of Amphotericin B. Noyes FR, McCabe JD and Fekety FR Jr. 169
Arthritis of Childhood, Septic. Gillespie R 1312
Arthritis Induced by Anti-Chondromucoprotein Immune Globulin, Experimental: Antigenicity of Chondromucoprotein. Eguro H and Goldner JL . 654
*Arthritis of the Knee, Quantitative Correlations in Degenerative. Miller R, Kettelkamp DB, Laubenthal KN, Karagiorgos A and Smidt GL . . . 956
*Arthritis of the Large Joints, Destructive. A Rare Manifestation of Sarcoidosis. Bjarnason DF, Forrester DM and Swezey RL 618
Arthritis, Pauciarticular Rheumatoid, of Childhood - A Non-Surgical Approach. Gristina AG et al. . . 1312
*Arthritis, Surgery of the Hip and Knee in Patients with Rheumatoid. Conaty JP 301
*Arthrodesis of Finger Joints, A Technique for. Potenza AD 1534
*Arthrodesis of the Rheumatoid Wrist. An Evaluation of Sixty Patients and a Description of a Different Surgical Technique. Millender LH and Nalebuff EA. 1026
*Arthropathies, Nerve Conduction Studies in Resorptive: Opera-Glass Hand. Swezey RL, Bjarnason D and Austin ES 1680
*Arthropathy Secondary to Transfusion Hemochromatosis. Sella EJ and Goodman AH 1077
Arthrosis of the First Metacarpal Trapezium Joint. Goldner JL et al. 1769
*Articular Cartilage, Deterioration of, Caused by Continuous Compression in a Moving Rabbit Joint. A Light and Electron Microscopic Study. Gritzka TL, Fry LR, Cheesman RL and LaVigne A . . 1698
Articular Collagenous Tissue, The Immunofluorescent Identification of Immunoglobulins and Complement in Rheumatoid. Cooke TDV et al. 654
Athletes, Performance Tests and Their Significance in Loose and Tight. Nicholas JA 426
Athletic Injuries, A New Consideration in - The Classical Ballet Dancer. Miller EH et al. 1318
*Atlanto-Axial Dislocation without Neurological Disorder, Traumatic. A Case Report. Wigren A and Amici F Jr. 642
Atlanto-Axial Subluxation and Upward Translocation of the Odontoid Process in Rheumatoid Arthritis. Rana NA et al. 1304
*Autograft Reconstruction, Post-Traumatic Lesions of the Brachial Plexus, Treatment by Transclavicular Exploration and Neurolysis or. Lusskin R, Campbell JB and Thompson WAL 1159
*Axillary Artery as a Complication of Shoulder Dislocation, Complete Avulsion of the. Jardon OM, Hood LT and Lynch RD 189
Axis, Traumatic Lysis of the Transverse Ligament of the. Fielding JW et al. 651

B

Back, Management of the Problem Postoperative. Thibodeau AA 1766
Back Surgery, Intraoperative Analaysis of the Effects of Position and Body Habitus on. DiStefano V et al. 1313
Bacteria, The Effect of Brief Exposure of Pathogenic, to Neomycin Sulphate, Bacitracin, and Polymyxin B Sulphate. Scherr DD and Dodd TA 660
*Bacterial Colonization of Wounds and Sepsis in Total Hip Arthroplasty. Fitzgerald RH Jr., Peterson LFA, Washington JA II, Van Scoy RE and Coventry MB 1242
*Barton's Fractures. De Oliveira JC 586
*Bed, The Use of Traction on an Air-Fluidized. Hargest TS, Fritz SD and Pearce JA 1763
*Biceps Femoris, Calcific Degeneration in the Tendon of the Long Head of the. An Unusual Cause of Sciatica. Dashefsky JH 211
*Biomechanical Function of the Pes Anserinus at the Knee and the Effect of its Transplantation. Noyes FR and Sonstegard DA 1225
*Blood Clearance and Acute Pulmonary Toxicity of Methylmethacrylate in Dogs after Simulated Arthroplasty and Intravenous Injection. McLaughlin RE, Difazio CA, Hakala M, Abbot B, McPhail JA, Mack WP and Sweet DE 1621
Blood Gases after Exercise in Asymptomatic Scoliosis, Early Changes in Arterial. A Preoperative and Postoperative Study. Graham JJ and Alexander SC 440
*Blood Supply to the Capital Femoral Epiphysis in the Puppy, The Experimental Simulation of Perthes Disease by Consecutive Interruptions of the. Sanchis M, Zahir A and Freeman MAR 335

* Indicates full article.

PAGE

*Bone Cement, On the Setting Properties of Acrylic. Meyer PR Jr., Lautenschlager EP and Moore BK 149
Bone Cyst of the Calcaneus, Solitary Unicameral. Smith RW 423
Bone Cyst, Diaphysectomy for Unicameral. McNamee WB et al. 1311
*Bone Cyst, Subtotal Resection and Grafting in Selected Cases of Solitary Unicameral. Fahey JJ and O'Brien ET 59
Bone, Dynamic Mechanical Properties of Viable Human Cortical. Black J and Korostoff E . . . 653
Bone Forearm, The Single - A Reconstructive Technique. Reid RL and Baker GI 1307
Bone, Further Studies on Transfer RNA Methylases of: Effect of Parathyroid Hormone. Behringer BR and Clark I 659
*Bone, Ganglionic Cystic Defects of. Kambolis C, Bullough PG and Jaffe HL 496
*Bone-Grafting, Treatment by. The Silent Hip in Idiopathic Aseptic Necrosis. Marcus ND, Enneking WF and Massam RA 1351
Bone Infections, Antibiotic Prophylaxis in Experimental. Bowers WH et al. 661
*Bone Infections, Antibiotic Prophylaxis in Experimental. Bowers WH, Wilson FC and Greene WB 795
*Bone Loss, Primary Tibiofibular Synostosis in Open Tibial Fracture with Segmental. A Report of an Unusual Case. Lieberg OU and Heston WM . . 1521
*Bone, Mechanical Properties of, as a Function of Rate of Deformation. Panjabi MM, White AA III, and Southwick WO 322
*Bone Metastasis from Colonic Carcinoma. A Case Report. Ihle PM and McBeath AA 398
Bone, Micromorphology of Aging. Kulkarni VV et al. 658
*Bone Mineral of Growing Sheep, Fluoride-Induced Changes in Ashed. An X-Ray Diffraction Analysis. Jokl P and Skinner HCW 761
*Bone Mineral in the Radius and Vertebral Osteoporosis in an Insured Population. A Correlative Study Using ^{125}I Photon Absorption and Miniature Roentgenography. Goldsmith NF, Johnston JO, Picetti G and Garcia C 1276
Bone Resorption in Tissue Culture, The Ultrastructure of Osteoclasts during Stimulation and Inhibition of. Holtrop M et al. 654
Bone Resorption *In Vivo* Utilizing ^{3}H-Tetracycline, Quantification of. Van Jackman K and Klein L . 654
*Bone and Secondary Skin-Grafting, Treatment of Chronic Osteomyelitis by Radical Excision of. Gupta RC 371
Bone Subjected to Cyclic Tension and Compression, A Single Modulus of Elasticity and Its Relation to Electrical Polarization in Cortical. Bargren JH and Basset CAL 653
Bone, Thermography and Radioisotope Photoscans as Complementary Aids in the Early Diagnosis of Metastatic Cancer. Venters WB et al. 658
*Bone, Triple Osteotomy of the Innominate. Steel HH 343
Bone Turnover, The Effect of Mithramycin on Normal and Abnormal. Robins PR and Jowsey J 659
*Bone, Velban as Treatment for Diffuse Eosinophilic Granuloma of. Report of a Case. West WO . . . 1755
Book Reviews
Aitken GT. The Child with an Acquired Amputation 1330
American Academy of Orthopaedic Surgeons. Symposium on Myelomeningocele 442
Bose KS. Manual of Fracture and Orthopaedic Surgery 669
Bailey JA, II. Disproportionate Short Stature - Diagnosis and Management 1775
Blount WP and Moe JH. The Milwaukee Brace 1775
Bourne GH. The Biochemistry and Physiology of Bone 221
Bunch WH, Cass AS, Bensman AS and Long DM. Modern Management of Myelomeningocele . 220
Ehrlich GE. Total Management of the Arthritic Patient 1121
Forrester DM and Nesson JV. Radiology of Joint Disease 1329
Hancox NM. Biology of Bone. Biological Structure and Function: No. I 1122
Hollander JL and McCarty DJ Jr. Arthritis and Allied Conditions 1121
Huskisson E and Hart F. Joint Disease: All the Arthropathies 1330
Jaffe HL. Metabolic, Degenerative, and Inflammatory Diseases of Bones and Joints 443
James CCM and Lassman LP. Spinal Dysraphism, Spina Bifida Occulta 220
Kaufmann HJ. Progress in Pediatric Radiology, Volume 4. Intrinsic Diseases of Bones 1557
Kricum ME and Edeiken J. Roentgenologic Atlas of the Hand and Wrist 1330
McKusick VA. Heritable Disorders of Connective Tissue 669
Morgan B. Osteomalacia, Renal Osteodystrophy and Osteoporosis 1558
The Netherlands Committee on Bone Tumors. Radiological Atlas of Bone Tumors, Volume 2 1558
Pindborg JJ and Kramer IRH. Histological Typing of Odontogenic Tumours, Jaw Cysts, and Allied Lesions 442
Russe O, Gerhardt J and King P. An Atlas of Examination, Standard Measurements and Diagnosis in Orthopedics and Traumatology . . 1330
Schajowicz F, Ackerman LV and Sissons HA. Histological Typing of Bone Tumours 442
Schultz RJ. The Language of Fractures 442
Smith FM. Surgery of the Elbow 670
The American Academy of Orthopaedic Surgeons. Instructional Course Lectures, Volume XXI . 443
Von Torklus D and Gehle W. The Upper Cervical Spine 221
Woods CG. Diagnostic Orthopaedic Pathology . 1121
Wynne-Davies, R. Heritable Disorders in Orthopaedic Practice 1557
Books Received 1558, 1774
*Brachial Plexus, Post-Traumatic Lesions of the. Treatment by Transclavicular Exploration and Neurolysis or Autograft Reconstruction. Lusskin R, Campbell JB and Thompson WAL 1159
*Brain Abscess Complicating the Use of Halo Traction. Victor DI, Bresnan MJ and Keller RB 635
*Brief Notes
Calcific Degeneration in the Tendon of the Long Head of the Biceps Femoris. Dashefsky JH . . 211
Chondroblastoma of the Rib. Report of a Case. Assor D 208
Metatarsal Osteotomy for the Relief of Painful Metatarsal Callosities. Wolf MD 1760
A Protractor for Measuring Scoliosis by the Cobb Technique. Merlino AF 1098
A Technique for Arthrodesis of Finger Joints. Potenza AD 1534
The Use of Traction on an Air-Fluidized Bed. Hargest TS, Fritz SD and Pearce JA 1763
Bunion Surgery, Distal First Metatarsal Displacement Osteotomy - Its Place in the Schema of. Miller JW. 427
Burn, Analysis and Treatment of the Major Electrical. Aplington JP and Bassett FH III. 1307

C

*Calcaneus, Fracture of the, in Young Children. Report of Three Cases. Matteri RE and Frymoyer JW 1091
*Calcific Degeneration in the Tendon of the Long Head of the Biceps Femoris. An Unusual Cause of Sciatica. Dashefsky JH 211
*Calcifying Myxoma. A Case Report. Milgram JW and Preininger RE 401
Calcifying Tissues, Analysis of Intracellular Structures in Cells of, for the Presence of Inorganic Elements. Sutfin LV and Garant PR 659
*Calcinosis Circumscripta of the Hand in Scleroderma. Schlenker JD, Clark DD and Weckesser EC . . 1051
Calcitonin, Parathyroid Hormone, and Calcium Homeostasis in Normal Man. Sizemore G et al. . . 660
Calcium and Phosphate Ions, Structural Factors Controlling the Binding of, to Organic Matrices. Bugg CE et al. 650
*Callosities, Metatarsal Osteotomy for the Relief of Painful Metatarsal. Wolf MD 1763
Carpal Boss Syndrome, The. Ritland GD et al. . . 877
*Carpal Tunnel, The Palmar Cutaneous Branch of the Median Nerve and the Approach to the. An Ana-

• Indicates full article.

PAGE

tomical Study. Taleisnik J. 1212
*Carpal-Tunnel Syndrome, Anomalus Median Nerve and Anomalous Muscle Belly of the First Lumbrical Associated with. Case Report. Schultz RJ, Endler PM and Huddleston HD 1744
*Carpal-Tunnel Syndrome, Internal Neurolysis as an Adjunct to the Treatment of the. Curtis RM and Eversmann WW Jr. 733
*Carpal-Tunnel Syndrome in Patients with Myxedematous Arthropathy. Frymoyer JW and Bland J . . 78
*Carcinoma, Bone Metastasis from Colonic. A Case Report. Ihle PM and McBeath AA 398
*Carpometacarpal Boss, The. Artz TD and Posch JL 747
Carpus, Fractures and Dislocations of the. Dunn AW 1319
*Cartilage, Acid Hydrolase Activity in Osteoarthritic and Normal Human. Ehrlich MG, Mankin HJ and Treadwell BV 1068
Cartilage during Aging, The Glycosaminoglycans in Different Layers of Bovine Articular. Larsson S-E and Lemperg RK 652
Cartilage, Diffusion Rates in Articular: Evidence for an Active Transport System. Weiss C et al. . . . 657
*Cartilage in Dogs, A Correlation of Joint Congruence and Thickness of Articular. Joint Congruence. Simon WH, Friedenberg S and Richardson S . . 1614
Cartilage, The Distribution of Extractable and Inextractable Proteoglycans in Epiphyseal Plate. Campo RD 652
Cartilage, The Effect of Osmium Tetroxide and Nitrogen Mustard on Normal Articular. Mitchell NS and Shepard N 656
Cartilage, Electromechanical Properties in Human Articular. Lotke PA et al. 657
Cartilage of Immature Rabbits, *In Vivo* Water "Clearance" by Articular. Jaffe F and Mankin HJ . . . 653
Cartilage, Immunogenicity of Articular. Langer F and Gross AE 655
Cartilage Model, *In Vitro* Rabbit: Effect of Varying Oxygen Tensions on ^{35}S Uptake. Lane JM and Brighton CT 652
Cartilage, Neutral Protease, Histonase and Cathespin D Activity in Human Articular. Sapolsky AI et al. 657
Cartilage of Patella, Hydrolases in Articular - Normal, Chondromalacia Patellae and Osteoarthritis. Shoji H and Granda JL 655
Cartilage, Proteoglycans from Bovine Proximal Humeral Articular. Rosenberg LC 652
Cartilage, Ridge Patterns on the Surface of Articular: A Scanning Electron Microscope and Biomechanical Study. Mow VC et al. 657
Cartilage, Sulphate Metabolism in Normal and Osteoarthritic Human Articular. Schwartz ER and Thompson RC Jr. 655
*Cast-Brace Ambulation, Closed Reduction and Early, in the Treatment of Femoral Fractures. Part I: An *In Vivo* Quantitative Analysis of Immobilization in Skeletal Traction and a Cast-Brace. Connolly JH and King P 1559
*Cast-Brace Ambulation, Closed Reduction and Early, in the Treatment of Femoral Fractures. Part II: Results in One Hundred and Forty-three Fractures. Connolly JH, Dehne E and LaFollette B 1581
*Cast-Brace and Pylon, Results of Early Ambulation in a. Management of Fractured Femora in Acute Amputees. Herndon JH, Tolo VT, Lanoue AM and Deffer PA 1600
Cerebral Palsied Children, Gait Analysis in Triceps Surae Surgery for. Perry J et al. 1311
Cerebral Palsy, A Dynamic Approach to the "Thumb in Palm" Deformity in. House JH 873
Cerebral Palsy, Intramuscular Alchohol as an Aid in the Treatment of. Carpenter EB 1314
Cerebral Palsy, Proximal Hamstring Recession in. Drummond DS et al. 1311
*Cervical Spine, Osteochondroma of the. Fielding JW and Ratzan S 640
*Chondroblastoma of the Rib. Report of a Case. Assor D 208
*Chondromas, Synovial Chondromatosis of the Knee with Associated Extracapsular. Dunn AW and Whisler JH 1747
Chondromyxoid Fibroma, The Ultrastructure of: Its Biologic and Diagnostic Implications. Tornberg DN et al. 650
Chymopapain Chemonucleolysis with Analysis of

PAGE

Suboptimal Results, Experiences with. Widell EH Jr. et al. 427
Cineplasty, Rehabilitation of the Below-Elbow Amputee Utilizing the Biceps. Wilson RL et al. . . . 886
*Claw-Foot Deformity. Treatment by Transfer of the Long Extensors into the Metatarsals and Fusion of the Interphalangeal Joints. Chuinard EG and Baskin M 351
*Cloxacillin in the Prophylaxis of Postoperative Infections of the Hip. Ericson C, Lidgren L and Lindberg L 808
*Club Foot, A Medial and Lateral Release Operation for. A Preliminary Report. Lichtblau S 1377
*Club Foot in the Older Child and Adult, Surgical Correction of Neglected. Herold HZ and Torok G 1385
*Coccidioidal Infection of the Hip. A Case Report. Pankovich AM and Jevtic MM 1525
*Coccidioidomycosis Tenosynovitis in the Hand. Iverson RE and Vistnes LM 413
Collagen in Chick Bone Growing in Tissue Culture, The Biosynthesis of Cross-linkages of. Brickley D and Glimcher MJ 651
Collagen, Crosslinking in Bone: The Sites of Intermolecular and Intramolecular Aldehyde-Mediated Bonds. Eyre DR and Glimcher MJ 651
Collagenase in Culture and Direct Effect of Heparin on the Enzyme Activity, Effect of Heparin on the Production of Mouse Bone. Sakamoto S et al. . . 654
Collagen, The Effect of Vitamin-D Deficiency on the Crosslink Chemical Structure of the Mineralizing Organic Matrix. Mechanic GL et al. 651
Collagen Fibrils, Electron Diffraction Studies of. Spadaro JA et al. 657
Collagen Formation in Scars with the Proline Analogue cis-Hydroxyproline and the Mechanism of its Action, Inhibition of. Uitto J et al. 658
Collagen Lysyl Hydroxylase Deficiency: A New Heritable Disorder of Connective Tissue. Krane SM et al. 1303
Collagen, Structure of Two Histidine-Containing Crosslinks from. Tanzer M et al. 651
Collagen, Studies on the Hydroxylation of Bone. Strawich E and Glimcher MJ 658
Collagen in Synovial Fluid, The Detection of Antibodies to Native and Denatured Human. Cracchiolo A III et al. 660
Collagen Synthesis, The Effect of Theophylline, Cyclic AMP and Dibutyryl Cyclic AMP on Amino Acid Transport and. Finerman G 657
*Compression Fixation after Biplane Intertrochanteric Osteotomy for Slipped Capital Femoral Epiphysis. A Technical Improvement. Southwick WO . . . 1218
*Congenital Dislocation of the Hip Using a Median Adductor Approach, Primary Open Reduction of. Ferguson AB Jr. 671
*Congenital Kyphosis. Its Natural History and Treatment as Observed in a Study of One Hundred and Thirty Patients. Winter RB, Moe JH and Wang JF 223
Coxa Plana, Conservative Management of. Katz JF and Siffert RS 1771
Coxa Plana (A Surgical Approach). Garceau G et al. 1313
*Coxa Vara, Familial Osteopetrosis with. A Case Report. King RE and Lovejoy JF Jr. 381
*Cryosurgery, Giant-Cell Tumors Treated by. A Report of Twenty-five Cases. Marcove RC, Lyden JP, Huvos AG and Bullough PB 1633
Cysts in Children, Baker's - Is Surgery Necessary? MacMahon EB 1311
*Cysts, Marginal Osteophyte Excision in Treatment of Mucous. Eaton RG, Dobranski AI and Littler JW 570
*Cytoplasmic Structures of Epiphyseal Plate Chondrocytes. Quantitative Evaluation Using Electron Micrographs of Rat Costochondral Junctions with Special Reference to the Fate of Hypertrophic Cells. Brighton CT, Sugioka Y and Hunt RM . . 771

D

Diabetes Mellitus, Upper Extremity Neurological Manifestations of. Leffert RD 883
Diastematomyelia and Scoliosis. Keim HA and Greene A 434
*Diastematomyelia and Scoliosis. Keim HA and Greene AF 1425
*Digital Reattachment and Revascularization. O'Brien

PAGE

BMcC and Miller GDH 714
*Drug Addicts, Infections and Sloughs in the Hands in. McKay D, Pascarelli EF and Eaton RG 741
Dupuytren's Contracture - with Special Reference to Postoperative Disability, Recurrence, and Degree of Correction, and Complications. Rodrigo JJ . . 424
Dupuytren's Contracture, Surgical Incisions for. Rowland SA 426
*Dwarfism, Pseudoachondroplastic. A Rough-Surfaced Endoplasmic Reticulum Storage Disorder. Cooper RR, Ponseti IV and Maynard JA 475
Dysostosis, Metaphyseal. Delineation of an Ultrastructural Defect. Cooper RR and Ponseti IV . . 650
*Dysostosis, Metaphyseal: Description of an Ultrastructural Defect in the Epiphyseal Plate Chondrocytes. Case Report. Cooper RR and Ponseti IV . 485
*Dysostosis, Metaphyseal, Jansen Type. Arroyo-Scotoliff H 623
*Dysplasia, Multiple Epiphyseal. Report of a Pedigree. Murphy MC, Shine IB and Stevens DB 814
*Dysplasia, Progressive Diaphyseal. Review of the Literature and Report of Seven Cases in One Family. Hundley JD and Wilson FC 461
*Dysplasia, Tricho-Rhino-Phalangeal. Report of a Kindred. Beals RK 821
Dysraphism, A Disastrous. Zeuge RC et al. 434

E

*Ectopic Ossification following Total Hip Replacement. Incidence and a Method of Classification. Brooker AF, Bowerman JW, Robinson RA and Riley LH Jr. 1629
*Elastofibroma. Renshaw TS and Simon MA . . . 409
Elbow Arthrodesis or Ankylosis, Functional Study for Optimum Position for. Snider WJ and DeWitt HJ 1305
Elbow Arthroplasty, Excisional. Fisher DP 1305
Elbow, Early Operation for Heterotopic Calcification of the, Complicating Thermal Trauma. Bruck HM et al. 886
*Elbow and Finger Flexion, A New Operative Technique to Restore. Partial Transposition of the Latissimus Dorsi. Axer A, Segal D and Elkon A . 1259
*Elbow Flexion, Latissimus Dorsi Transfer to Restore. An Appraisal of Eight Cases. Zancolli E and Mitre H 1265
*Elbow, Tennis. Boyd HB and McLeod AC Jr. . . . 1183
Elbow, Tennis: Its Course, Natural History, Conservative and Surgical Management. Coonrad RW and Hooper WR 885
*Elbow, Tennis: Its Course, Natural History, Conservative and Surgical Management. Coonrad RW and Hooper WR 1177
*Electromyographic, and Psychiatric Study of Twenty-six Patients, A Preliminary Report on a Clinical. Voluntary Dislocation of the Shoulder. Rowe CR, Pierce DS and Clark JG 445
Enchondrosarcoma, Resection, Autoclaving and Massive Autogenous Grafts for. Smith WS and Simon MA 1770
*Eosinophilic Granuloma of Bone, Velban as Treatment for Diffuse. Report of a Case. West WO . . 1755
*Epiphyseal Dysplasia, Multiple. Report of a Pedigree. Murphy MC, Shine IB and Stevens DB 814
*Epiphyseal Plate Chondrocytes, Cytoplasmic Structures of. Quantitative Evaluation Using Electron Micrographs of Rat Costochondral Junctions with Special Reference to the Fate of Hypertrophic Cells. Brighton CT, Sugioka Y and Hunt RM . . 771
*Epiphyseal Plate, Histochemical, Metabolic and Ultrastructural Studies of the Maturation Zone of the Rachitic Rat. Ehrlich MG, Weiss C, Mankin HJ, Treadwell BV and Sanzone C 785
Epiphysis, Acute Chondrolysis Following Slipped Capital Femoral. Chang HH and Stryker WS . . 1308
Epiphysis in Black Patients, Slipped Capital Femoral. Jacobs B and Hoffman J 1308
Epiphysis, The Compensating Osteotomy for Severe Slipped Capital Femoral. Kramer WG et al. . . 1318
*Epiphysis, Compression Fixation after Biplane Intertrochanteric Osteotomy for Slipped Capital Femoral. A Technical Improvement. Southwick WO . . 1218
Epiphysis, Fracture Separation of the Distal Femoral. Roberts JM 1324
*Epiphysis, Incomplete Avulsion of a Portion of the Iliac. An Injury of Young Athletes. Godshall RW and Hansen CA 1301
Equinovarus in Muscular Dystrophy. Siegel IM and Ray RD 1317
*Extensor Indicis Proprius Opponensplasty. Burkhalter W, Christensen RC and Brown P 725

F

*Fabella, Peroneal-Nerve Injury from an Enlarged. A Case Report. Mangieri JV 395
Fat Embolism, Clinical Management of, by Controlled Ventilation and Diuresis. Murray D and Racz G 1314
*Feet, Syme's Amputation in Insensitive. A Review of Twenty Cases. Srinivasan H 558
*Femora in Acute Amputees, Management of Fractured. Results of Early Ambulation in a Cast-Brace and Pylon. Herndon JH, Tolo VT, Lanoue AM and Deffer PA. 1600
*Femoral Artery, Aneurysm of, Secondary to Osteochondroma. Schoene HR, Berthelsen S and Ahn C 847
*Femoral Diaphysis, Fractures of the. A Retrospective Study of the Results and Costs of Treatment by Intramedullary Nailing and by Traction and a Spica Cast. Carr CR and Wingo CH. 690
Femoral Focal Deficient Extremity, Surgical Management of the Proximal. Cristini JA 424
*Femoral Fractures, Closed Reduction and Early Cast-Brace Ambulation in the Treatment of. Part I: An *In Vivo* Quantitative Analysis of Immobilization in Skeletal Traction and a Cast-Brace. Connolly JF and King P 1559
*Femoral Fractures, Closed Reduction and Early Cast-Brace Ambulation in the Treatment of. Part II: Results in One Hundred and Forty-three Fractures. Connolly JF, Dehne E and LaFollette B 1581
Femoral Head, Demonstration of Vascularity of the, Using Technetium-99m. Webber M and Wagner J 1315
*Femoral-Head Replacement, Long-Term Results of. Salvati EA and Wilson PD Jr. 516
Femoral Neck Fractures, Knowles Pinning of. Arnold WD et al. 1310
*Femoral Neck, A Modified Girdlestone Operation in the Treatment of Complications of Fractures of the. Zabihi T, Kohanim M and Amir-Jahed AK . . 129
*Femoral Neck by Muscle-Pedicle-Bone Graft and Internal Fixation, Treatment of Displaced Subcapital and Transcervical Fractures of the. A Preliminary Report on One Hundred and Fifty Cases. Meyers MH, Harvey JP Jr. and Moore TM . . . 257
Femoral Neck, Telescoping Pugh Nail Fixation of Displaced Intrascapular Fractures of the. Fielding JW et al. 1309
Femur, Experiences with Quadriateral Cast Brace for Fractures of the. Rockwood CA Jr. et al. . . . 421
Femur, Fractures of the Hip with Simultaneous Fracture of the Shaft of, on Same Side. Conrad JJ . . 1320
Femur, Infection Complicating Intramedullary Nailing of the Fractured. Kovacs AJ et al. 1306
Femur, Prosthetic Replacement for Trochanteric Fractures of the. Rosenfeld RT et al. 420
*Femur, Torsion of the. A Follow-up Study in Normal and Abnormal Conditions. Fabry G, MacEwen GD and Shands AR Jr. 1726
Fibrosarcoma of the Soft Tissues of the Extremities and the Limb Girdles. Pritchard DJ et al. 1305
Fibula, Dislocation of the Proximal. Ogden JA and Southwick WO 1319
Fibulae, Congenital Deficiencies of the. Smith CF and Henrichsen RK 428
*Fifty-First Man, The. Hoyt WA 866
Finger Joint Replacement in the Rheumatoid Hand, A Comparison Study of 525 Implants of Varying Design and Material. Ellison MR et al. 880
*Finger Pedicle Graft, Thumb Reconstruction Using Radial-Innervated Cross-. Miura T 563
Finger in Rheumatoid Arthritis, Synovectomy of the Proximal Interphalangeal Joint of the. Wilde AH 426
Finger in Rheumatoid Arthritis, Synovectomy of the Proximal Interphalangeal Joint of the. Wilde AH 881
Finger, Role of the Controversial Parts of the Ex-

* Indicates full article.

PAGE

tensor of the. Micks JE and Hager D 884
Finger Tips, A New Method for Testing Sensory Function in. Edshage S and Wittenstrom E . . . 882
***Fingers, Congenital Constricting Bands and Congenital Amputation of the: Placental Studies.** Field JH and Krag DO 1035
Fingers, A Different Approach to the Repair of Syndactylism of the - The "Hourglass" Operation. Bevin AG 880
Fingers, Placental Studies on the Development of Congenital Constricting Bands and Congenital Amputation of the. Field JH and Krag DO . . . 874
***Five-One Reconstruction for Anteromedial Instability of the Knee, The. Indications, Technique, and the Results in Fifty-two Patients.** Nicholas JA 899
***Flexor Replacement for Intrinsic Muscle Paralysis, Metacarpophalangeal.** Burkhalter WE and Strait JL 1667
***Foot Deformity, Claw-. Treatment by Transfer of the Long Extensors into the Metatarsals and Fusion of the Interphalangeal Joints.** Chuinard EG and Baskin M 351
***Foot, A Medial and Lateral Release Operation for Club. A Preliminary Report.** Lichtblau S 1377
***Foot Surgery in Progressive Neuromuscular Disorders in Children, The Role of.** Levitt RL, Canale ST, Cooke AJ and Gartland JJ 1396
***Foot, Surgical Correction of Neglected Club, in the Older Child and Adult.** Herold HZ and Torok G 1385
Force Plate, A Dynamic. Hawthorne JR et al. . . . 653
***Fracture of the Calcaneus in Young Children. Report of Three Cases.** Matteri RE and Frymoyer JW . 1091
***Fracture-Dislocation of the Humeral Head. A Method of Reduction.** Dingley A and Denham R 1299
***Fracture of the Distal End of the Ulna, Irreducible. A Case Report.** McDaniel WJ and Dameron TB Jr. 1297
***Fracture of the Glenoid, Dislocation of the Shoulder with Significant.** Aston JW Jr. and Gregory CF . 1531
Fracture Healing, The Effect of Anticoagulation on. Teal PV 425
Fracture Healing by Increased Venous Pressure, Acceleration of. Kruse RL and Kelly PJ 1767
***Fracture of the Lateral Condyle of the Humerus, An Eighty-four Year Follow-up on a Patient with Ununited. A Case Report.** Smith FM 378
***Fracture in Long Bone Sarcoidosis, Pathological. Report of a Case.** Watson RC and Cahen I . . . 613
***Fracture of the Os Peroneum. A Case Report.** Mains DB and Sullivan RC 1529
***Fracture of the Radial Head with Dislocation of the Distal Radio-Ulnar Joint: Case Report. Treatment by Prosthetic Replacement of the Radial Head.** Levin PD 837
Fractures, Acrylic Cement as a Supplement in Internal Fixation of Pathological. Ball RM et al. 1317
***Fractures, Barton's.** De Oliveira JC 586
Fractures, Blood Flow and Mineral Transport in Experimental. Paradis GR and Kelly PJ 659
Fractures in Children, Clinical and Radiological Long-Term Follow-up of Vertebral. Nachemson A et al. 440
Fractures, Complications of Fixation in Intertrochanteric. Laros GS and Moore JF 1310
***Fractures and Dislocations of the Upper Extremities, The Use of Interscalene Block Anesthesia for Manipulative Reduction of.** Heffington CA and Thompson RC Jr. 83
Fractures, Early Weight-Bearing for Intertrochanteric. Bosacco DN et al. 1310
***Fractures of the Femoral Diaphysis. A Retrospective Study of the Results and Costs of Treatment by Intramedullary Nailing and by Traction and a Spica Cast.** Carr CR and Wingo CH 690
***Fractures of the Femoral Neck, A Modified Girdlestone Operation in the Treatment of Complications of.** Zabihi T, Kohanim M and Amir-Jahed AK . 129
***Fractures of the Femoral Neck by Muscle-Pedicle-Bone Graft and Internal Fixation, Treatment of Displaced Subcapital and Transcervical. A Preliminary Report on One Hundred and Fifty Cases.** Meyers MH, Harvey JP Jr. and Moore TM . . . 257
Fractures, Functional Casting and Bracing of Tibial. Sarmiento A 1307
Fractures, Intertrochanteric, A Ten-Year Analysis of, Treated Surgically at Hennepin County General Hospital (1959-1969). Bocklage J and Gustilo RB 1310
Fractures, Long-Term Evaluation of Nailing Versus Prosthesis in Treatment of Femoral Neck. Johnson JTH and Crothers OD 1768
Fractures of the Lower Extremity, The Cast-Brace Treatment of. Mital MA et al. 1768
***Fractures, The Management of Comminuted Unstable Intertrochanteric.** Harrington KD and Johnston JO 1367
Fractures, Methyl Methacrylate as an Adjunct in Internal Fixation of Pathologic. Sim F and Daugherty TW 1317
***Fractures in the 19th Century, in the United States, A History of the Treatment of Non-Union of.** Crawford RR 1685
Fractures of the Phalanges, Early Motion Treatment of. Greene DP and Anderson JR 1307
Fractures, Results of Treatment of Ipsilateral Femoral and Tibial. Leach RE et al. 1768
***Fractures of the Thoracolumbar Spine, Flexion Distraction.** Rennie W and Mitchell N 386

G

***Ganglionic Cystic Defects of Bone.** Kambolis C, Bullough PG and Jaffe HL 496
***Gastrocnemius Muscle Syndrome, An Unusual. Case Report.** Renne JW and Davis PH 1294
***Genetic Study of Idiopathic Scoliosis in Boston, Massachusetts, A.** Riseborough EJ and Wynne-Davies R 974
***Giant-Cell Tumors Treated by Cryosurgery. A Report of Twenty-five Cases.** Marcove RC, Lyden JP, Huvos AG and Bullough PB 1633
***Grafting, Subtotal Resection and, in Selected Cases of Solitary Unicameral Bone Cyst.** Fahey JJ and O'Brien ET 59
Growth Arrest in Tall Scoliotic Girls. Dickson JH . 439

H

***Hallux Valgus Deformity by Basal Phalanx Osteotomy of the Big Toe, Correction of.** Seelenfreund M and Fried A 1411
Hallux Valgus, Experience with Oblique Displacement Osteotomy (Wilson) for. Holstein A and Lewis GB 427
Halo-Hoop Apparatus, Force Measurement Studies with the. DeWald RL et al. 438
***Halo Traction, Brain Abscess Complicating the Use of.** Victor DI, Bresnan MJ and Keller RB 635
***Hamate, Osteoid Osteoma of the. A Case Report and Review of the Literature.** Rosenfeld K, Bora FW Jr. and Lane JM 1085
***Hand, Acute Necrosis of the Second Interosseous Compartment of the.** Reid RL and Travis RT . 1095
Hand Arthritis in Systemic Lupus Erythematosus, Deforming Non-Erosive. Aptekar RG and Decker JL 881
Hand, Calcinosis Circumscripta of the, in Scleroderma. Schlenker JD et al. 881
Hand Changes in Mucopolysaccharide Disorders. Fisher RC et al. 883
Hand, Coccidioidomycosis Tenosynovitis in the. Iverson RE and Vistnes LM 413
Hand, The Construction of a Functioning Unit in Congenital Absence of the. Carroll RE 879
Hand Deformities with Arthrogryposis Multiplex Congenita. Smith RJ 883
Hand Function and Deformity in Parkinson's Disease. Strickland JW and Gillen HW 884
Hand Function of Shunts and Fistulae for Hemodialysis, Effects on. Morgan A and Goldwyn R . . 878
Hand Function Using Local Anesthesia Supplemented by Intravenous Innovar, A Dynamic Approach to Problems of. Hunter JM et al. 885
Hand, Fungous Infections of the. Brown H and Flynn JE 879
***Hand, Granular-Cell Tumor (Myoblastoma) of the. Report of a Case.** Bielejeski TR 841
***Hand, Interdigital Butterfly Flap in the (The Double-Opposing Z-Plasty).** Shaw DT, Li CS, Richey DWG and Nahigian SH 1677
Hand, *Mycobacterium marinum* (Atypical Acid-Fast Bacillus) Infections of the. Williams CS and Riordan DC 879
***Hand, *Mycobacterium marinum* (Atypical Acid-Fast**

PAGE

Bacillus) Infections of the. A Report of Six Cases. Williams CS and Riordan DC 1042
*Hand, *Mycobacterium marinum* Infections of the. Report of Three Cases and Review of the Literature. Cortez LM and Pankey GA 363
*Hand Neuromas and Entrapped Nerves, Abdominal Pedicle Flap for. Brown H and Flynn JE 575
*Hand, Opera-Glass: Nerve Conduction Studies in Resorptive Arthropathies. Swezey RL, Bjarnason D and Austin ES 1680
Hand, Osteoarthritis of the. Swanson AB 1769
Hand, Principles of Primary Treatment of the Injured. Boyes JH 426
*Hand in Scleroderma, Calcinosis Circumscripta of the. Schlenker JD, Clark DD and Weckesser EC 1051
*Hand Surgery in the Medical School Curriculum. Bell JL 875
Hand, Systemic Lupus Erythematosus in the. Bleifeld CJ and Inglis AE 881
*Hand, Treatment of the One-Digit. Smith RJ and Dworecka F 113
*Hand, True and False Traumatic Aneurysms in the. Report of Two Cases and Review of the Literature. Green DP 120
Hand, The Value of Articular Scanning of the Rheumatoid. Chartrand R and Hakstian RW 882
Hand, Vascular Malformations in the - Current Management. Neviaser RJ and Adams JP 878
Hand, Wrist, and Forearm, Malignant Tumors of the. Bryan RS et al. 878
*Hands, Infections and Sloughs in the, in Drug Addicts. McKay D, Pascarelli EF and Eaton RG 741
*Harrington Instrumentation Technique in Scoliosis, The Evolution of the. Dickson JH and Harrington PR 993
*Harrington Rod Correction of Idiopathic Scoliosis, Mechanical Analysis of. Schultz AB and Hirsch C 983
Hauser Procedure, A Complication of the - The Anterior Compartment Syndrome. Wiggins HE . 1306
*Heart Failure, Acute Congestive, Apparently Secondary to Solitary Plasmocytoma and Massive Hemorrhage after Biopsy. Case Report. Wright RS 1749
*Hemangiomatosis in Association with Hereditary Hemorrhagic Telangiectasia, Skeletal. A Case Report. Mirra JM and Arnold WD 850
*Hemiplegia in the Upper Limb, Phenol Nerve Block in the Treatment of Acquired Spastic. Braun RM, Hoffer MM, Mooney V, McKeever J and Roper B 580
Hemivertebra, Natural History of. Nasca RJ et al. . 1321
*Hemochromatosis, Arthropathy Secondary to Transfusion. Sella EJ and Goodman AH 1077
*Hemophilia, Excision of Pseudotumor with Repair by Bone Graft of Pathological Fracture of Femur in. Rosenthal RL, Graham JJ and Selirio E 827
*Heparin Osteoporosis. An Experimental Model Using Rats. Thompson RC Jr. 606
*Hibernoma of the Thigh. A Case Report. Merlino AF and Pike RF 406
*Hip Arthroplasties, A Study of Results and Complications in 2,012 Total: "Delayed" Prophylactic Anticoagulation. Coventry MB, Nolan DR and Beckenbaugh RD 1487
*Hip Arthroplasty, Bacterial Colonization of Wounds and Sepsis in Total. Fitzgerald RH Jr., Peterson LFA, Washington JA II, Van Scoy RE and Coventry MB 1242
*Hip, Cloxacilin in the Prophylaxis of Postoperative Infections of the. Ericson C, Lidgren L and Lindberg L 808
*Hip, Coccidioidal Infection of the. A Case Report. Pankovich AM and Jevtic MM 1525
Hip Disease, Enzymatic and Histological Study on Synovial Tissue in Degenerative. Granda JL et al. 655
Hip Disease in Spondylo- and Multiple Epiphyseal Dysplasia, Natural History and Treatment of Early. Diamond LS 1318
Hip Dislocation, Early Detection and Treatment of Congenital. Ramsey PL and Rosenblum H . . . 1312
Hip Dislocation in Myelodysplasia, Pelvic Displacement Osteotomy for Chronic: A Preliminary Report. Cotler JM et al. 1312
*Hip Dislocations in Children, Traumatic. Schlonsky J and Miller PR 1057

PAGE

*Hip Fractures, A Double-Blind Clinical Trial of Prophylactic Antibiotics in. Boyd RJ, Burke JF and Colton T 1251
Hip Fractures, Stable Fixation in Intertrochanteric. A Biomechanical Evaluation. Sonstegard DA et al. 660
Hip Fractures, The Treatment of, Using a Compression Screw - A Preliminary Report. Joyce JJ III et al. . 1309
*Hip in Idiopathic Aseptic Necrosis, The Silent. Treatment by Bone-Grafting. Marcus ND, Enneking WF and Massam RA 1351
*Hip, Idiopathic Transient Osteoporosis of the. Pantazopoulos T, Exarchou E and Hartofilakidis-Garofalidis G 315
Hip Joint, Chondrolysis of the - Usual and Unusual Presentations. Heppenstall RB et al. 1308
Hip Joint, Energy Absorption in the Human. Greenwald AS and Manley PT 652
*Hip Joint, The Management of Chronic Cavities in the Region of the. Ger R and Adar U 758
Hip Joint Replacement Prostheses, Friction and Wear Studies on Total. Simon SR et al. 661
Hip Joint, The Treatment of Ankylosis of the, Secondary to Heterotopic Ossification. Morgan TH et al. 1304
*Hip and Knee in Patients with Rheumatoid Arthritis, Surgery of the. Conaty JP 301
*Hip and Other Joints in Southern Chinese in Hong Kong, Osteoarthritis of the. Incidence and Related Factors. Hoaglund FT, Yau ACMC and Wong WL 545
Hip, A Possible Cause of Avascular Necrosis Complicating the Treatment of Congenital Dislocation of the. Ogden JA and Southwick WO 1770
Hip, Primary Open Reduction of Congenital Dislocation of the, Using a Median Adductor Approach. Ferguson AB Jr. 671
*Hip Redislocation, Post-Traumatic. Lutter LD . . 391
Hip Replacement for Arthritis Secondary to Congenital Hip Disease, Total. Harris WH and Stulberg SD 1765
*Hip Replacement, Ectopic Ossification following Total. Incidence and a Method of Classification. Brooker AF, Bowerman JW, Robinson RA and Riley LH Jr. 1629
*Hip Replacement Failures, Total. A Histological Evaluation. Charosky CB, Bullough PG and Wilson PD Jr. 49
Hip Replacement, Femoral Fractures in Conjunction with Total. Turner RH et al. 1766
Hip Replacement, Intermedullary Pressure Elevation During the Use of Methacrylate in Total - A Possible Cause for Embolization. Tronzo RG et al. . . 1316
*Hip Replacement, Joint-Position Sense after Total. Grigg P, Finerman GA and Riley LH 1016
*Hip Replacement, Sepsis in Total, following Pneumococcal Pneumonia. A Case Report. Mallory TH 1753
Hip Replacement, Total: Surgical Approach and New Implant Design. Aufranc OE and Turner RH . . 418
Hip, The Results of Total Prosthetic Replacement of the, in the Presence of Known or Suspected Infection. Wilson PD et al. 1766
Hip Surgery, Development of a Trochanteric Bolt for Use in Total. Volz RG 419
Hip, Treatment of Displaced Intracapsular Fractures of the, Utilizing the Richards Screw. Cassebaum WH and Parkes JC 1309
*Hips, Abduction Contracture of the Shoulders and, Secondary to Fibrous Bands. Wolbrink AJ, Hsu Z and Bianco AJ 844
Hips with Low-Grade Infection, Salvage Procedure for. Levy LJ and Sanders FW 418
*Histochemical, Metabolic, and Ultrastructural Studies of the Maturation Zone of the Rachitic Rat Epiphyseal Plate. Ehrlich MG, Weiss C, Mankin HJ, Treadwell BV and Sanzone C 785
*Histometric Analysis, A: Osteogenesis Imperfecta. Falvo KA and Bullough PG 275
*History of the Treatment of Non-Union of Fractures in the 19th Century, in the United States, A. Crawford RR 1685
Homology of the Extremities. Brindley HH 427
*Humeral Head, Fracture-Dislocation of the. A Method of Reduction. Dingley A and Denham R 1299
*Humerus, An Eighty-four Year Follow-up on a Patient

• Indicates full article.

PAGE

with Ununited Fracture of the Lateral Condyle of the. A Case Report. Smith FM 378
***Hypercalcemia, Immobilization. Some New Aspects of Diagnosis and Treatment.** Lawrence GD, Loeffler RG, Martin LG and Connor TB 87
Hypoxemia Associated with Isolated Fractures, Inapparent. Wrobel LJ 423

I

***Iliac Epiphysis, Incomplete Avulsion of a Portion of the. An Injury of Young Athletes.** Godshall RW and Hansen CA 1301
***Immobilization Hypercalcemia. Some New Aspects of Diagnosis and Treatment.** Lawrence GD, Loeffler RG, Martin LG and Connor TB 87
***Infections Following Pudendal Block Anesthesia, Severe: Need for Orthopaedic Awareness.** Wenger DR and Gitchell RG 202
Injury Patterns in Motorcycle Collisions. Drysdale WF et al. 1769
Interdigital Butterfly Flap (The Double Opposing Z-Plasty). Shaw DT et al. 879
***Interosseous-Nerve Syndrome Secondary to Rheumatoid Synovitis, Posterior.** Millender LH, Nalebuff EA and Holdsworth DE 753
***Interscalene Block Anesthesia for Manipulative Reduction of Fractures and Dislocations of the Upper Extremities, The Use of.** Heffington CA and Thompson RC Jr. 83
***Intertrochanteric Fractures, The Management of Comminuted Unstable.** Harrington KD and Johnston JO 1367
Intervertebral Disc, The Contributions by Structural Components of the, to Its Ability to Withstand Compression Forces. Markolf KL and Morris JM 656
Intervertebral Disc, Factors Involved in the Nutrition of the Adult Human Lumbar. Maroudas A et al. . 658

J

***Joint, Complex Dislocation of the Metacarpophalangeal. Correlative Pathological Anatomy.** Green DP and Terry GC 1480
***Joint Congruence. A Correlation of Joint Congruence and Thickness of Articular Cartilage in Dogs.** Simon WH, Friedenberg S and Richardson S . . 1614
Joint Congruence, A Study of. Simon WH 652
***Joint, Deterioration of Articular Cartilage Caused by Continuous Compression in a Moving Rabbit. A Light and Electron Microscopic Study.** Gritzka TL, Fry LR, Cheesman RL and LaVigne A . . 1698
Joint Function, Studies of. Radin EL et al. 1303
***Joint-Position Sense after Total Hip Replacement.** Grigg P, Finerman GA and Riley LH 1016
Joint Replacement with Alloplastic Prostheses in Non-Rheumatoid Disease, Proximal Interphalangeal. Midgley RD and Entin MA 873
***Joints, Destructive Arthritis of the Large. A Rare Manifestation of Sarcoidosis.** Bjarnason DF, Forrester DM and Swezey RL 618

K

Knee Arthroplasty, Early Results with Geometric Total. Coventry MB et al. 1321
Knee Arthroplasty, Polycentric. Combs JJ Jr. et al. . 1321
Knee, Arthroplasty of the, Using Tibial Plateau Prosthesis. Pruner R and Strong TE Jr. 1320
***Knee, The Arthroscope in the Management of Crystal-Induced Synovitis of the.** O'Connor RL 1443
***Knee, Biomechanical Function of the Pes Anserinus at the, and the Effect of its Transplantation.** Noyes FR and Sonstegard DA 1225
Knee, Dislocations of the, with Vascular Injury. Green NE and Allen BL Jr. 1306
***Knee, The Five-One Reconstruction for Anteromedial Instability of the. Indications, Technique, and the Results in Fifty-two Patients.** Nicholas JA . . . 899
Knee Injuries among Philadelphia High School Football Players, Effect of Shoe Type and Cleat Length on the Incidence and Severity of. Torg JS and Quedenfeld TC 1319
Knee Instability, The Current Basis for the Reconstruction of Late. Nicholas JA 422
Knee, Isolated Posteromedial Capsular Lesion of the. Ferguson AB and McMaster JH 1316
Knee, Intraosseous Venography of the Osteoarthritic. Lynch JA 1315
Knee Joint Resection and Replacement with Shiers Knee Hinge. Brady TA and Garber JN 1321
***Knee Joint Stability as an Indication for Surgical Treatment, Impairment of. Tibial Condylar Fractures.** Rasmussen PS 1331
Knee Joint on Vascular Pedicles, Transplantation of the Canine. Goldberg V et al. 1314
Knee Kinematics after Various Types of Prosthetic Replacement, Significance of. Ghelman B et al. . 1320
***Knee, Osteotomy about the, for Degenerative and Rheumatoid Arthritis. Indications, Operative Technique, and Results.** Coventry MB 23
***Knee in Patients with Rheumatoid Arthritis, Surgery of the Hip and.** Conaty JP 301
Knee Prosthesis for Total Knee Arthroplasty, The Geometric. Upshaw JE et al. 418
***Knee, Quantitative Correlations in Degenerative Arthritis of the.** Miller R, Kettlekamp DB, Laubenthal KN, Karagiorgos A and Smidt GL . 956
***Knee, Reconstruction for Medial Instability of the. Technique and Results in Sixty Cases.** O'Donoghue DH 941
Knee Replacement in Rheumatoid Arthritis, Total. Habermann ET 1321
Knee, in Rheumatoid Arthritis, Double Hemiarthroplasty of the - A Review of Fifty Consecutive Cases. Hastings DE and Hewittson WA 1320
***Knee, The Role of the Posterior Oblique Ligament in Repairs of Acute Medial (Collateral) Ligament Tears of the.** Hughston JC and Eilers AF 923
Knee: The Suprapatellar Plica, Its Role in Internal Derangement of the. Hughston JC et al. 1318
***Knee, Surgery of the Rheumatoid. Synovectomy and Débridement.** Marmor L 535
***Knee Surgery, Thrombophlebitis Following.** Cohen SH, Ehrlich GE, Kauffman MS and Cope C . . 106
Knee Synovectomy in Rheumatoid Arthritis - Long-Term Follow-up. Laurin CA et al. 1304
***Knee, Synovial Chondromatosis of the, with Associated Extracapsular Chondromas.** Dunn AW and Whisler JH 1747
Knee, Total Arthroplasty of the, Utilizing the University of California, Irvine, Total Knee Replacement Prosthesis. Waugh TR et al. 418
***Knee with Valgus Deformity, High Tibial Osteotomy for Osteoarthritis of the.** Shoji H and Insall J . . 963
***Knee, A Visual, Histological, and Enzymatic Study of Regenerating Rheumatoid Synovium in the Synovectomized.** Patzakis MJ, Mills DM, Bartholomew BA, Clayton ML and Smyth CJ . . . 287
***Kyphosis, Congenital. Its Natural History and Treatment as Observed in a Study of One Hundred and Thirty Patients.** Winter RB, Moe JH and Wang JF 223
Kyphosis, Juvenile: A Statistical Survey and Comparison of Methods of Treatment. McAllister DT and Hardy JH 1323
Kyphosis, Postoperative Chest X-Rays and Transthoracic Anterior Spine Fusions for. Kuo KN and DeWald RL 435
Kyphosis, Scheuermann's Juvenile: Experience in Two Hundred Patients. Bradford DS et al. 1323
Kyphotic Deformities, Late Onset Paraparesis in. Smith TK 422

L

***Laceration of the Flexor Pollicis Longus Tendon: Delayed Repair by Advancement, Free Graft or Direct Suture. A Clinical and Experimental Study.** Urbaniak JR and Goldner JL 1123
Laminair Air Flow: History and Evaluation. Turner RS 420
***Latissimus Dorsi, Partial Transposition of the. A New Operative Technique to Restore Elbow and Finger Flexion.** Axer A, Segal D and Elkon A 1259
***Latissimus Dorsi Transfer to Restore Elbow Flexion. An Appraisal of Eight Cases.** Zancolli E and Mitre H 1265
***Legg-Calvé-Perthes Disease, The Pathology of. A Case Report.** Dolman CL and Bell HM 184
***Legg-Calvé-Perthes Disease, Recurrent.** Katz JF . . 833
Legg-Calvé-Perthes Syndrome, Upper Femoral Osteotomy in the Treatment of. Abrams RC et al. . . . 1313
***Leprous Neuritis, A Review of Twenty-three Operations on the Ulnar Nerve in.** Palande DD 1457

PAGE

Letters to the Editor 888
Ligament, The Enigma of the Anterior Cruciate. Kennedy JC et al. 1316
Ligament Preparations in Primates and Effect of Immobilization on Ligament Properties, Biomechanics of Anterior Cruciate. Noyes FR et al. 660
*__Ligament Reconstruction for the Painful Thumb Carpometacarpal Joint.__ Eaton RG and Littler JW 1655
*__Ligament Tears of the Knee, The Role of the Posterior Oblique Ligament in Repairs of Acute Media! (Collateral).__ Hughston JC and Eilers AF 923
Ligamenta Flava on Vertebral Deflections, The Effects of Prestress in. Belytschko T et al. 656
Ligamentous Laxity in Idiopathic Scoliosis, Increased Generalized. Veliskakis KP 435
*__Lipofibroma of the Median Nerve, Ossifying.__ Louis DS and Dick HM 1082
*__Lumbar Roots, Avulsion of, Complicating Fracture of the Pelvis.__ Harris WR, Rathbun JB, Wortzman G and Humphrey JG 1436
Lumbosacral Curves, The Push-Pull Management of Decompensated. Zuege RC et al. 437
*__Lung (Pancoast), Orthopaedic Aspects and Early Diagnosis of Superior Sulcus Tumor of the.__ Spengler DM, Kirsh MM and Kaufer H 1645
Lung (Pancoast), Role of the Orthopaedic Surgeon in the Early Diagnosis of Superior Sulcus Tumor of. Spengler DM et al. 1316

M

*__Maffucci's Syndrome: Functional and Neoplastic Significance. Case Report and Review of the Literature.__ Lewis RJ and Ketcham AS 1465
*__Mechanical Properties of Bone as a Function of Rate of Deformation.__ Panjabi MM, White AA III and Southwick WO 322
Meniscectomy Results, Factors Affecting Late. Johnson RJ et al. 1304
Menisci, The Efficacy of Pneumoradiography in Assessing Recurrent or Regenerative. Elmer RM and Frankel VH 1315
Metacarpophalangeal Joint, Complex Dislocation of the. Green DP and Terry GC 426
*__Metacarpophalangeal Joint, Complex Dislocation of the. Correlative Pathological Anatomy.__ Green DP and Terry GC 1480
Metacarpophalangeal Joint Dislocation, A Clear View of the Index Sesamoid as a Sign of Irreducible. Silberman WW 427
Metacarpus, Management of Gunshot and Fragment Wounds of the. Elton RC and Bouzard WC . . 887
*__Metaphyseal Dysostosis: Description of an Ultrastructural Defect in the Epiphyseal Plate Chondrocytes. Case Report.__ Cooper RR and Ponseti IV . 485
*__Metaphyseal Dysostosis, Jansen Type.__ Arroyo-Scotoliff H 623
*__Metatarsal Osteotomy for the Relief of Painful Metatarsal Collosities.__ Wolf MD 1760
Methacrylate, Physical and Mechanical Factors Affecting the Shear Strength of Methyl. Astelford WJ et al. 661
Methacrylate, Toxicity of Methyl, to Cells in Tissue Culture. Enis JE et al. 661
*__Methylmethacrylate in Dogs after Simulated Arthroplasty and Intravenous Injection, Blood Clearance and Acute Pulmonary Toxicity of.__ McLaughlin RE, Difazio CA, Hakala M, Abbott B, MacPhail JA, Mack WP and Sweet DE 1621
Methylmethacrylate Monomer, Blood Pressure Lowering Effect of. McMaster WC et al. 419
Metric System. Conversion Factors 215, 429, 663
Milwaukee Brace Failures, An Evaluation of. Hardy JH and Wachs MD 439
Milwaukee Brace Treatment in Juvenile Idiopathic Scoliosis. Lardone J and Levine DB 438
Milwaukee Brace Treatment in Patients with Idiopathic Scoliosis, Follow-up Study of. Edmonson AS and Morris JT 439
Mucopolysaccharidoses, The Biophysical Cytochemistry of Living Cells Derived from Patients with. Lorincz AE and West SS 655
*__Muscle Belly of the First Lumbrical Associated with Carpal-Tunnel Syndrome, Anomalous Median Nerve and an Anomalous. Case Report.__ Schultz RJ, Endler PM and Huddleston HD 1744
*__Muscle Paralysis, Metacarpophalangeal Flexor Replacement for Intrinsic.__ Burkhalter WE and Strait JL 1667
*__Muscle-Pedicle-Bone Graft and Internal Fixation, Treatment of Displaced Subcapital and Transcervical Fractures of the Femoral Neck by. A Preliminary Report on One Hundred and Fifty Cases.__ Meyers MH, Harvey JP Jr. and Moore TM . . 257
*__Muscle Syndrome, An Unusual Gastrocnemius. Case Report.__ Renne JW and Davis PH 1294
Muscles of Patients with Idiopathic Scoliosis, Histochemical Findings in the Paraspinal. Hoppenfeld S and Spiro A 435
*__*Mycobacterium marinum* (Atypical Acid-Fast Bacilus) Infections of the Hand. A Report of Six Cases.__ Williams CS and Riordan DC 1042
*__*Mycobacterium marinum* Infections of the Hand. Report of Three Cases and Review of the Literature.__ Cortez LM and Pankey GA 363
Myelodysplasia, Autogenous Fibular Subtalar Arthrodesis in. Banta JV and Nichols O 1317
*__Myelomeningocele, Functional Ambulation in Patients with.__ Hoffer MM, Feiwell E, Perry R, Perry J and Bonnett C 137
*__(Myoblastoma) of the Hand, Granular-Cell Tumor. Report of a Case.__ Bielejeski TR 841
*__Myxedematous Arthropathy, Carpal-Tunnel Syndrome in Patients with.__ Frymoyer JW and Bland J 78
*__Myxoma, Calcifying. A Case Report.__ Milgram JW and Preininger RE 401

N

Navicular, The Rotating - Voluntary Subluxation. Howard FM et al. 877
Neck, Prognosis in Soft-Tissue Injuries of the. Hohl M 1766
*__Necrosis of the Second Interosseous Compartment of the Hand, Acute.__ Reid RL and Travis RT . . . 1095
*__Neoplastic Significance, Functional and: Maffucci's Syndrome. Case Report and Review of the Literature.__ Lewis RJ and Ketcham AS 1465
*__Neurolysis as an Adjunct to the Treatment of the Carpal-Tunnel Syndrome, Internal.__ Curtis RM and Eversmann WW Jr. 733
*__Nerve, Anomalous Median, and an Anomalous Muscle Belly of the First Lumbrical Associated with Carpal-Tunnel Syndrome. Case Report.__ Schultz RJ, Endler PM and Huddleston HD 1744
*__Nerve Block in the Treatment of Acquired Spastic Hemiplegia in the Upper Limb, Phenol.__ Braun RM, Hoffer MM, Mooney V, McKeever J and Roper B 580
*__Nerve Conduction Studies in Resorptive Arthropathies: Opera-Glass Hand.__ Swezey RL, Bjarnason D and Austin ES 1680
Nerve Conduction Velocity, Microscopic and Electron Microscopic Studies Comparing Repaired Adult and Baby Monkey Median Nerves. Almquist EE et al. 883
*__Nerve Injury from an Enlarged Fabella, Peroneal-. A Case Report.__ Mangieri JV 395
*__Nerve in Leprous Neuritis, A Review of Twenty-three Operations on the Ulnar.__ Palande DD 1457
*__Nerve, Ossifying Lipofibroma of the Median.__ Louis DS and Dick HM 1082
*__Nerve, The Palmar Cutaneous Branch of the Median, and the Approach to the Carpal Tunnel. An Anatomical Study.__ Taleisnik J 1212
Nerve Paralysis Associated with Fractures of the Humerus, Radial. Fischer DA and House JH . . 1307
Nerve-Root Avulsions Complicating Fractures of the Pelvis, Lumbar. Harris WR et al. 1766
*__Nerve Syndrome Secondary to Rheumatoid Synovitis, Posterior Interosseous.__ Millender LH, Nalebuff EA and Holdsworth DE 753
*__Nerves, Abdominal Pedicle Flap for Hand Neuromas and Entrapped.__ Brown H and Flynn JE 575
Neurofibromatosis, Spinal Deformity in - Natural History, Classification, and Treatment. Dawson EG et al. 1321
*__Neurological Disorder, Traumatic Atlanto-Axial Dislocation Without. A Case Report.__ Wigren A and Amici F Jr. 642
*__Neuromuscular Disorders in Children, The Role of__

* Indicates full article.

PAGE

Foot Surgery in Progressive. Levitt RL, Canale ST, Cooke AJ and Gartland JJ 1396
News Notes . 217, 431, 665, 895, 1116, 1325, 1553, 1772

O

Obituaries
Carl E. Badgley 1112
H. Relton McCarroll 892
William McKinley Roberts 1551
William J. Schnute 662
James B. Wray 1114
***Odontoid Process, The Arterial Supply of the.** Schiff DCM and Parke WW 1450
***One for All; All for One.** Wilson PD Jr. 859
***Opponensplasty, Extensor Indicis Proprius.** Burkhalter W, Christensen RC and Brown P 725
***Orthopaedic Considerations of Silver's Syndrome.** Specht EE and Hazelrig PE 1502
Orthopaedic Implants, Failure Analysis of Metallic. Miller EH et al. 658
***Orthopaedic In-Training Examination, The Effect of Permissive Environment on Scoring of the.** Mankin HJ, Carter RM and Krawczyk M 1100
***Orthopaedics, Whither - Circa 1973.** Gregory CF . 1537
***Os Peroneum, Fracture of the. A Case Report.** Mains DB and Sullivan RC 1529
Osseous Response to Electric Current, The Atraumatic. Pollis RP et al. 653
***Osteoarthritic and Normal Human Cartilage, Acid Hydrolase Activity in.** Ehrlich MG, Mankin HJ and Treadwell BV 1068
***Osteoarthritis of the Hip and Other Joints in Southern Chinese in Hong Kong. Incidence and Related Factors.** Hoaglund FT, Yau ACMC and Wong WL 545
***Osteochondroma of the Cervical Spine.** Fielding JW and Ratzan S 640
Osteocytic and Osteoclastic Resorption Determined by Mercury Porosimetry, Vitamin-D Stimulated. Baylink DJ et al. 659
***Osteogenesis Imperfecta, Air Splints for Long-Term Management of.** Furey JG and McNamee DC . 645
Osteogenesis Imperfecta, A Histological Study of. Bullough P and Falvo K 650
***Osteogenesis Imperfecta: A Histometric Analysis.** Falvo KA and Bullough PG 275
***Osteogenesis Imperfecta. A Histopathological Case Report.** Milgram JW, Flick MR and Engh CA . 506
Osteogenesis Imperfecta, Platelet Metabolism in. Solomons CC et al. 650
***Osteogenesis Imperfecta: Treatment by Multiple Osteotomy and Intramedullary Rod Insertion. Report on Thirteen Patients.** Tiley F and Albright JA 701
***Osteogenic Sarcoma, Multiple Metachronous. Report of Twelve Cases with Two Long-Term Survivors.** Fitzgerald RH Jr., Dahlin DC and Sim FH . . . 595
***Osteogenic Sarcoma with Multiple Pulmonary Metastases, Prolonged Survival in. A Case Report and Review of the Literature.** Marcove RC and Lewis MM 1516
***Osteoid Osteoma of the Hamate. A Case Report and Review of the Literature.** Rosenfeld K, Bora FW Jr. and Lane JM 1085
***Osteoid-Osteoma with Multicentric Nidus. A Report of Two Cases.** Glynn JJ and Lichtenstein L . . . 855
***Osteomyelitic Sinuses, Sarcomas Arising from Chronic. A Report of Two Cases.** Johnston RM and Miles JS 162
***Osteomyelitis Adjacent to the Sacro-iliac Joint in Children, Acute. Report of Two Cases.** Chung SMK and Borns P 630
Osteomyelitis of the Cervical Spine, Serratia Marcescens. del Toro RA et al. 1315
Osteomyelitis, Coccidioidal. Cobden RH et al. . . 1314
Osteomyelitis in Drug Addicts, Pseudomonas Vertebral. Wiesseman GJ et al. 1315
***Osteomyelitis in Heroin Addicts, Pseudomonas Vertebral. Report of Five Cases.** Wiesseman GJ, Wood VE and Kroll LL 1416
***Osteomyelitis, A Paradigm for Human Chronic.** Andriole VT, Nagel DA and Southwick WO . . 1511
Osteomyelitis and Septic Arthritis, Treatment of Chronic. Clawson DK et al. 1306
Osteomyelitis Due to *Torulopsis inconspicua*. Report of a Case. Tchang FKM and Gilardi GL 1739

PAGE

***Osteomyelitis, Treatment of Chronic, by Radical Excision of Bone and Secondary Skin-Grafting.** Gupta RC 371
***Osteopetrosis with Coxa Vara, Familial. A Case Report.** King RE and Lovejoy JF Jr. 381
***Osteophyte Excision in Treatment of Mucous Cysts, Marginal.** Eaton RG, Dobranski AI and Littler JW 570
***Osteophytosis and Dysphagia, Vertebral. Two Case Reports of the Syndrome Recently Termed Ankylosing Hyperostosis.** Meeks LW and Renshaw TS 197
Osteoporosis, Experimental Heparin. Thompson RC Jr. 654
***Osteoporosis, Heparin. An Experimental Model Using Rats.** Thompson RC Jr. 606
***Osteoporosis of the Hip, Idiopathic Transient.** Pantazopoulos T, Exarchou E and Hartofilakidis-Garofalidis G 315
Osteoporosis, The Influence of Diphosphonates on the Progress of Experimentally Induced. Jowsey J and Holley K 659
***Osteoporosis in an Insured Population, Bone Mineral in the Radius and Vertebral. A Correlative Study Using ^{125}I Photon Absorption and Miniature Roentgenography.** Goldsmith NF, Johnston JO, Picetti G and Garcia C 1276
***Osteoporosis of the Lower Extremities, Transient Painful.** Langloh ND, Hunder GG, Riggs BL and Kelly PJ 1188
Osteosarcoma, Growth Characteristics of Metastatic. Miller CW 1316
***Osteotomy of the Innominate Bone, Triple.** Steel HH 343
***Osteotomy about the Knee for Degenerative and Rheumatoid Arthritis. Indications, Operative Technique, and Results.** Coventry MB 23
Oxygen Consumption Studies in Idiopathic Adolescent Scoliosis Patients Undergoing Milwaukee Brace Treatment. Nash CL Jr. et al. 439

P

Pain Syndromes, The Management of Post-Traumatic: Report of 103 Cases. Patman RD et al. . 422
***Palmar Cutaneous Branch of the Median Nerve and the Approach to the Carpal Tunnel, The. An Anatomical Study.** Taleisnik J 1212
Palmar Fascia, The. Stack HG 885
Paraplegia, Scoliosis and Impending. DeWald RL and Ray RD 436
***Patella, Familial Absence of the.** Bernhang AM and Levine SA 1088
Patella, Lateral Release of the - A Preliminary Report. Merchant AC and Mercer RL 422
Patella, Surgical Treatment of the Dislocating, in Athletes. Slocum DB et al. 1770
Patellar Tendon Bearing Brace, The (Report of Sixteen Patients). Davis FJ et al. 421
***Pathology of Legg-Calvé-Perthes Disease, The. A Case Report.** Dolman CL and Bell HM 184
Pelvic Trauma, Arteriographic Management of Massive Hemorrhage from. Athanasoulis CA et al. . 1767
***Pelvis, Avulsion of Lumbar Roots Complicating Fracture of the.** Harris WR, Rathbun JB, Wortzman G and Humphrey JG 1436
***Pes Anserinus at the Knee, Biomechanical Function of the, and the Effect of its Transplantation.** Noyes FR and Sonstegard DA 1225
***Perthes Disease, The Experimental Simulation of, by Consecutive Interruptions of the Blood Supply to the Capital Femoral Epiphysis in the Puppy.** Sanchis M, Zahir A and Freeman MAR 335
***Phalanges, Closed Reduction and Percutaneous Pin Fixation of Fractured.** Green DP and Anderson JR 1651
***Pin Fixation, Closed Reduction and Percutaneous, of Fractured Phalanges.** Green DP and Anderson JR 1651
***Placental Studies: Congenital Constricting Bands and Congenital Amputation of the Fingers.** Field JH and Krag DO 1035
***Plasmocytoma, Acute Congestive Heart Failure Apparently Secondary to Solitary, and Massive Hemorrhage after Biopsy. Case Report.** Wright RS . . 1749
Polychondritis, Relapsing. Mitchell NS and Shepard N 660
Polymethylmethacrylate, Rate Dependent Mechanical Properties of. Weinstein AM et al. 661

PAGE

Polymethyl Methacrylate, The Systemic Manifestations of. Convery FR et al. 1303
Polymethylmethacrylate, The Systemic Manifestations of. Convery FR et al. 419
***Presidential Address, The American Academy of Orthopaedic Surgeons.** The Fifty-First Man. Hoyt WA 866
***Presidential Address, The American Academy of Orthopaedic Surgeons.** One for All; All for One. Wilson PD Jr. 859
***Presidential Address, American Society for Surgery of the Hand.** Hand Surgery in the Medical School Curriculum. Bell JL 875
Proceedings
The American Academy of Orthopaedic Surgeons 1303
The American Orthopaedic Association 1765
American Society for Surgery of the Hand . . . 873
The Orthopaedic Research Society 650
Western Orthopedic Association 418
Procollagen, Synthesis and Intracellular Maturation of. Vinson W and Glimcher MJ 657
Prostheses, A Clinical Experience with Silicone-Dacron Metacarpophalangeal Joint and Interphalangeal Joint. Urbaniak JR and McCollum DE 1308
Prosthesis, A System to Provide Sensory Feedback from an Upper Extremity Amputation. Clippinger FW Jr. 886
Prosthesis-Orthosis Power and Control System with Multi-Level Potential, An Upper Limb. Schmeisser G and Seamone W 886
***Prosthesis-Orthosis Power and Control System with Multi-Level Potential, An Upper Limb.** Schmeisser G and Seamone W 1493
Prosthetic Replacement of the Anterior Cruciate Ligament. Laurin CA and Saidi K 1771
Prosthetic Replacement of Cruciate Ligaments. Laurin CA and Saidi K 652
***Protractor for Measuring Scoliosis by the Cobb Technique, A.** Merlino AF 1098
***Pseudarthrosis of the Tibia, Congenital - Treatment by Tibial Lengthening and Corrective Osteotomy Seven Years after Successful Bone Graft. A Case Report.** McKellar CC 193
***Pseudoachondroplastic Dwarfism. A Rough-Surfaced Endoplasmic Reticulum Storage Disorder.** Cooper RR, Ponseti IV and Maynard JA 475
***Pseudotumor, Excision of, with Repair by Bone Graft of Pathological Fracture of Femur in Hemophilia.** Rosenthal RL, Graham JJ and Selirio E . 827
***Pudendal Block Anesthesia, Severe Infections Following: Need for Orthopaedic Awareness.** Wenger DR and Gitchell RG 202
Pulmonary Function During Surgical Correction of Kyphoscoliosis, Changes in. Lin H-Y et al. . . . 440
***Pulmonary Metastases, Prolonged Survival in Osteogenic Sarcoma with Multiple. A Case Report and Review of the Literature.** Marcove RC and Lewis MM 1516
***Purpura Fulminans.** Urbaniak JR, O'Neil MT and Meyer LC 69

Q

***Quadriceps Contusions in Young Athletes. Relation of Severity of Injury to Treatment and Prognosis.** Jackson DW and Feagin JA 95
Quadriceps Contusions in Young Athletes. Relation of Severity of Injury to Treatment and Prognosis. Jackson DW and Feagin JA 421

R

***Radial Head with Dislocation of the Distal Radio-Ulnar Joint, Fracture of: Case Report. Treatment by Prosthetic Replacement of the Radial Head.** Levin PD 837
***Reconstruction for Medial Instability of the Knee. Technique and Results in Sixty Cases.** O'Donoghue DH 941
***Replacement, Long-Term Results of Femoral-Head.** Salvati EA and Wilson PD Jr. 516
***Rheumatoid Knee, Surgery of the. Synovectomy and Débridement.** Marmor L 535
***Rheumatoid Synovitis, Posterior Interosseous - Nerve Syndrome Secondary to.** Millender LH, Nalebuff EA and Holdsworth DE 753

PAGE

***Rheumatoid Synovium in the Synovectomized Knee, A Visual, Histological, and Enzymatic Study of Regenerating.** Patzakis MJ, Mills DM, Bartholomew BA, Clayton ML and Smyth CJ 287
***Rib, Chondroblastoma of the. Report of a Case.** Assor D 208
Rickets, Vitamin D Resistant. Swartling RD et al. . 428

S

***Sacro-iliac Joint in Children, Acute Osteomyelitis Adjacent to the. Report of Two Cases.** Chung SMK and Borns P 630
***Sarcoidosis, Pathological Fracture in Long Bone. Report of a Case.** Watson RC and Cahen I . . . 613
***Sarcoma, Multiple Metachronous Osteogenic. Report of Twelve Cases with Two Long-Term Survivors.** Fitzgerald RH Jr., Dahlin DC and Sim FH . . . 595
***Sarcomas Arising from Chronic Osteomyelitis Sinuses. A Report of Two Cases.** Johnston RM and Miles JS 162
Sciatica of Endometriosis, Cyclic. Forrest JS and Brooks DL Jr. 1318
Scintimetric Patterns by Computerized Data Analysis and Display, A Comparison of ^{18}F and ^{85}Sr. Asnis SE et al. 655
Scoliosis in the Adult, Surgical Management of. Dawson EG et al. 437
***Scoliosis in Boston, Massachusetts, A Genetic Study of Idiopathic.** Riseborough EJ and Wynne-Davies R 974
Scoliosis Care in Private Practice. Lawrence AW . 436
Scoliosis in Cerebral Palsy, Anterior Spine Fusion with Dwyer Instrumentation for Lumbar - A Preliminary Report. Bonnett C et al. 425
Scoliosis, Combined Brace and Hormone Therapy of Idiopathic. Neugebauer H 439
Scoliosis, Complications of Fusion in Lumbar. Doherty JH 438
Scoliosis, Diastematomyelia and. Keim HA and Greene A 1322
***Scoliosis, Diastematomyelia and.** Keim HA and Green AF 1425
***Scoliosis, Early Ambulation after the Surgical Treatment of Idiopathic.** Leider LL Jr., Moe JH and Winter RB 1003
Scoliosis, The Epidemiology of - A Prospective Study. Brooks L et al. 436
***Scoliosis, The Evolution of the Harrington Instrumentation Technique in.** Dickson JH and Harrington PR 993
Scoliosis, The Greening of the Treatment of Paralytic. Bonnett CA et al. 1322
Scoliosis, Harrington Instrumentation in the Management of Paralytic. Hall JE and Spira IS . . . 437
Scoliosis, Intraspinal Anomalies Associated with Congenital. Gillespie R et al. 434
Scoliosis, Mechanical Analysis of Harrington Rod Correction of Idiopathic. Schultz AB and Hirsch C 656
***Scoliosis, Mechanical Analysis of Harrington Rod Correction of Idiopathic.** Schultz AB and Hirsch C 983
Scoliosis, Operative Treatment for Congenital. Leatherman KD 435
Scoliosis in the Post Partum Female on Cape Cod, The Incidence of. Strayer LM III 436
Scoliosis, Removable Plastic Localizer Body Jacket for Non-Surgical Treatment of - Six-Year Follow-up. Cockrell BR Jr. and Risser JC 425
Scoliosis Research Society. Annual Meeting, 1972 . 434
Scoliosis Spine Fusion and Harrington Rodding, Results of Early Ambulation Following. Hardy JH et al. 437
Scoliosis with Syringomyelia and Spinal-Cord Tumors, The Association of. Simmons EH 440
***Scoliotic Children, Thoracic Elastance and Its Components in Anesthetized.** Nisbet HIA, Lamarre A, Levison H and Relton JES 1721
***Sepsis in Total Hip Replacement following Pneumococcal Pneumonia. A Case Report.** Mallory TH 1753
***Shoulder, Dislocation of the, with Significant Fracture of the Glenoid.** Aston JW Jr. and Gregory CF . . 1531
Shoulder Fusions in Children. Lay KC 424
Shoulder in the Adult, Re-evaluation of the Position of the Arm in Arthrodesis of the. Rowe CR . . . 1767

* Indicates full article.

PAGE

Shoulder Capsule, The Torn. Bush LF 1767
***Shoulder, Voluntary Dislocation of the. A Preliminary Report on a Clinical, Electromyographic, and Psychiatric Study of Twenty-six Patients.** Rowe CR, Pierce DS and Clark JG 445
***Shoulders and Hips, Abduction Contracture of the, Secondary to Fibrous Bands.** Wolbrink AJ, Hsu Z and Bianco AJ 844
***Silastic Rod Preparation of a New Tendon Sheath and Subsequent Tendon Grafting, An Experimental Study of the Changes Following.** Farkas LG, McCain WG, Sweeney P, Wilson W, Hurst LN and Lindsay WK 1149
***Silver's Syndrome, Orthopaedic Considerations of.** Specht EE and Hazelrig PE 1502
***Skeletal Hemangiomatosis in Association with Hereditary Hemorrhagic Telangiectasia. A Case Report.** Mirra JM and Arnold WD 850
***Skin-Grafting, Treatment of Chronic Osteomyelitis by Radical Excision of Bone and Secondary.** Gupta RC 371
Snake Bite, Early Fasciotomy in the Treatment of. Rowland SA 1314
Spinal Column of the Dog, Second Lumbar Spondylectomy and Shortening of the. Yturraspe DJ et al. 436
Spinal Cord Activity During Spinal Surgery, Functional Monitoring of. Vauzelle C et al. 441
Spinal Cord Injury, Spine Deformity Subsequent to. Brown HP and Bonnett CC 441
Spinal Cord Monitoring, Follow-up Report, Experimental and Clinical Studies in: The Effect of Pressure, Anoxia and Ischemia on Spinal-Cord Function. Hardy RW Jr. et al. 435
Spinal Muscular Atrophy, Results of Posterior Spine Fusion in Patients with. A Review of Twenty-five Cases. Dorr JR et al. 436
Spinal Segments, An *In Vivo* Method for Three Dimensional Analysis of the Displacement of. Schock CC et al. 438
Spinal Stenosis, Wide Decompression for Progressive - Five-Year Follow-up. Dombrowski ET 423
Spine Deformity Subsequent to Spinal Cord Injury. Brown HP and Stauffer S 1322
***Spine, Flexion Distraction Fractures of the Thoracolumbar.** Rennie W and Mitchell N 386
Spine Fusion, Dwyer Instrumentation and Anterior. Hall JE et al. 1323
Spine Fusion, A Laboratory Study in Dogs Undergoing: Intraoperative Autotransfusion. Haverbush TJ and Evarts CM 435
***Spine Fusion for Spondylosis, Relief of Pain by Anterior Cervical-. A Report of Sixty-five Patients.** White AA III, Southwick WO, Deponte RJ, Gainor JW and Hardy R 525
Spine Fusions, An Experimental Study of the Immediate Load-Bearing Capacity of Three Surgical Constructions for Anterior. White AA III et al. . 656
Spine, Harrington Instrumentation in the Fractured, Unstable Thoracic and Lumbar. Dickson JH et al. 422
Spine, Injuries of the Cervical, in Football. Funk FJ Jr. and Wells RE 1304
Spine, Injuries of the, in Children and Adolescents. Hubbard DD 1322
Spine Injuries, The Halo Device in Acute Cervical. Zwerling MB 424
Spine, Three-Dimensional Analysis of the. Brown RH et al. 656
Spine Traction in the Treatment of Scoliosis, Evaluation of Cotrel Dynamic: A Preliminary Report. Hensinger RN and MacEwen GD 438
***Splints for Long-Term Management of Osteogenesis Imperfecta, Air.** Furey JG and McNamee DC . 645
Spondylolisthesis, The Basic Lesion in Isthmic - Stress Fracture. Wiltse LL and Widell ER Jr. 1306
Spondylolisthesis, Degenerative. Rosenberg NJ . . 1766
***Spondylosis, Relief of Pain by Anterior Cervical-Spine Fusion for. A Report of Sixty-five Patients.** White AA III, Southwick WO, Deponte RJ, Gainor JW and Hardy R 525
Syme's Amputation Done in Two Stages. Wagner FW et al. 1770
***Synovial Chondromatosis of the Knee with Associated Extracapsular Chondromas.** Dunn AW and Whisler JH 1747
***Synovitis of the Knee, The Arthroscope in the Management of Crystal-Induced.** O'Connor RL . . 1443
***Synovitis, Posterior Interosseous Nerve Syndrome Secondary to Rheumatoid.** Millender LH, Nalebuff EA and Holdsworth DE 753
Synovitis, A Study of Immune - Relative Roles of Cell Mediated and Humoral Immunity. Goldberg VM and Lance EM 654
***Synovium in the Synovectomized Knee, A Visual, Histological, and Enzymatic Study of Regenerating Rheumatoid.** Patzakis MJ, Mills DM, Bartholomew BA, Clayton ML and Smyth CJ 287

T

Tendo Achillis, Ruptures of the, Treated Surgically. Inglis AE and Sculco TP 1319
Tendon Anastomoses, An Analysis of Tensile Strength of. Urbaniak JR et al. 884
Tendon, The Effect of Local Steroid Injections on. Unverferth LJ and Olix ML 1315
Tendons, Experimental Methods for the Attachment of Artificial, to Bone Muscle and Tendon. Doyle JR et al. 874
Tendon Grafting, An Experimental Study of the Changes Following Silastic Rod Preparation of the Pseudo Tendon Sheath and Subsequent. Farkas LG et al. 873
***Tendon Grafting, An Experimental Study of the Changes Following Silastic Rod Preparation of a New Tendon Sheath and Subsequent.** Farkas LG, McCain WG, Sweeney P, Wilson W, Hurst LN and Lindsay WK 1149
***Tendon, Laceration of the Flexor Pollicis Longus: Delayed Repair by Advancement, Free Graft or Direct Suture. A Clinical and Experimental Study.** Urbaniak JR and Goldner JL 1123
Tendon Transfers in the Hemiplegic Upper Extremity, Sublimus-to-Profundus. Braun RM and Vise GT 873
***Tendon, Xanthoma of the Achilles. Seven Cases with Familial Hyperbetalipoproteinemia.** Fahey JJ, Stark HH, Donovan WF and Drennan DB 1197
Tendons, Prosthetic Reconstruction of the Canine Achillis and Patellar, Using Dacron-Mesh Silicone Prosthesis - Part II, Mechanical Evaluation. Walker PS et al. 659
***Tennis Elbow.** Boyd HB and McLeod AC Jr. . . . 1183
***Tennis Elbow: Its Course, Natural History, Conservative and Surgical Management.** Coonrad RW and Hooper WR 1177
Tennis Elbow, Etiology and Treatment of. Nirschl RP and Eberth E 1305
***Tenosynovitis in the Hand, Coccidioidomycosis.** Iverson RE and Vistnes LM 413
***Thigh, Hibernoma of the. A Case Report.** Merlino AF and Pike RF 406
***Thoracic Elastance and Its Components in Anesthetized Scoliotic Children.** Nisbet HIA, Lamarre A, Levison H and Relton JES 1721
***Thrombophlebitis Following Knee Surgery.** Cohen SH, Ehrlich GE, Kauffman MS and Cope C 106
Thumb Carpometacarpal Instability, Deep Ulnar Ligament Reconstruction for. Eaton RG and Littler JW 1307
Thumb Carpometacarpal Joint Impairment, Geometrical Consideration in Determining. Floyd W . . 877
***Thumb Carpometacarpal Joint, Ligament Reconstruction for the Painful.** Eaton RG and Littler JW . . 1655
Thumb Metacarpophalangeal Joint as Related to the Design and Testing of a Replacement Prosthesis, A Biomechanical Analysis of the. Miller EH et al. . 653
***Thumb Reconstruction Using Radial-Innervated Cross-Finger Pedicle Graft.** Miura T 563
Thumb, Treatment of the Reduplicated. Kleinert HE et al. 874
Thumb Web Reconstruction. Sandzén SC Jr. . . . 1308
Tibia, The Pathogenesis and Prevention of Valgus Deformity Following Fractures of the Proximal Metaphyseal Region of the, in Children. Salter RB and Best T 1324
***Tibia, Congenital Pseudarthrosis of the - Treatment by Tibial Lengthening and Corrective Osteotomy Seven Years after Successful Bone Graft. A Case Report.** McKellar CC 193
***Tibial Condylar Fractures. Impairment of Knee Joint Stability as an Indication for Surgical Treatment.** Rasmussen PS 1331
Tibial Osteotomy for Gonarthrosis, Five Year End

PAGE

Results of High. Insall J et al. 1320
*Tibial Osteotomy for Osteoarthritis of the Knee with Valgus Deformity, High. Shoji H and Insall J . . 963
Tibial-Shaft Fractures, A Rationale for Treatment of. Dunn HK et al. 421
*Tibiofibular Joint, Isolated Acute Dislocation of the Proximal. Case Report. Crothers OD and Johnson JTH 181
*Tibiofibular Joint, Isolated Acute Dislocation of the Proximal. Case Report. Parkes JC II and Zelko RR 177
*Tibiofibular Synostosis in Open Tibial Fracture with Segmental Bone Loss, Primary. A Report of an Unusual Case. Lieberg OU and Heston WM . . 1521
*Tissue-Viability Assessment with the Doppler Ultrasonic Flowmeter in Acute Injuries of Extremities. Scherr DD, Lichti EL and Lambert KL 157
*Toe, Correction of Hallux Valgus Deformity by Basal Phalanx Osteotomy of the Big. Seelenfreund M and Fried A 1411
*Torsion of the Femur. A Follow-up Study in Normal and Abnormal Conditions. Fabry G, MacEwen GD and Shands AR Jr. 1726
**Torulopsis inconspicua,* Osteomyelitis Due to. Report of a Case. Tchang FKM and Gilardi GL 1739
Trabeculae, Determination of the Elastic Modulus of Individual, by their Buckling Behavior. Pugh JW et al. 651
Transverse Loading System (Modified Harrington Instrumentation), Present Status of the. Armstrong GWD et al. 438
*Tricho-Rhino-Phalangeal Dysplasia. Report of a Kindred. Beals RK 821
Trochanter, Effect of Distal Transfer of the Greater, in Growing Animals. Ewald FC and Hirohashi K . 1064
*Tumor, Allograft Replacement of All or Part of the End of a Long Bone Following Excision of a. Report of Twenty-one Cases. Parrish FF 1
*Tumor of the Lung (Pancoast), Orthopaedic Aspects and Early Diagnosis of Superior Sulcus. Spengler DM, Kirsh MM and Kaufer H 1645
Tumors, The Effects of Irradiation of, During Infancy and Childhood on the Axial Skeleton. Riseborough EJ et al. 1322

PAGE

U

*Ulna, Irreducible Fracture of the Distal End of the. A Case Report. McDaniel WJ and Dameron TB Jr. 1297

V

Vascular and Histologic Responses of Diaphyseal Cortex to Experimental Medullary Nailing and Reaming, The. Rhinelander FW and Nelson CL . 1767
Vertebral Joint, Bilateral Anterior Osteotomy of Lateral Masses for a Fused, Dislocated First and Second Cervical. Tupper JW and Gunn DR . . . 435
*Vertebral Osteomyelitis in Heroin Addicts, Pseudomonas. Report of Five Cases. Wiesseman GJ, Wood VE and Kroll LL 1416
*Vertebral Osteophytosis and Dysphagia. Two Case Reports of the Syndrome Recently Termed Ankylosing Hyperostosis. Meeks LW and Renshaw TS 197
Volkmann's Contracture, Treatment of Established. Tsuge K 882

W

*Whither Orthopaedics - Circa 1973. Gregory CF . . 1537
*Whose Hand Is on the Tiller? DuVal MK 1544
*Wrist, Arthrodesis of the Rheumatoid. An Evaluation of Sixty Patients and a Description of a Different Surgical Technique. Millender LH and Nalebuff EA 1026
Wrist, Fracture-Dislocations of the. Fountain SS et al. 1319
Wrist, Surgical Indications in the Rheumatoid. Straub LR et al. 1308
Wrist, Tendon Transfer for Radial Rotation in the Rheumatoid. Ferlic DC and Clayton ML 880
Wrist, Trans-scaphoid Perilunate Dislocations of the. Pellegrino EA Jr. and Peterson ED 1319

X

*Xanthoma of the Achilles Tendon. Seven Cases with Familial Hyperbetalipoproteinemia. Fahey JJ, Stark HH, Donovan WF and Drennan DB . . . 1197

Z

Zickel Nail for Fractures and Lesions of the Subtrochanteric Region of the Femur, The Use of the. Zickel RE and Dunn CE Jr. 1311

* Indicates full article.